

FIGURE 1: PROJECT LOCATION MAP



FIGURE 2: RECEIVING WATER AND DRAINAGE



FIGURE 3: FLOOD ZONES

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII

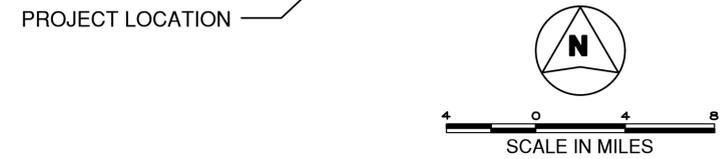
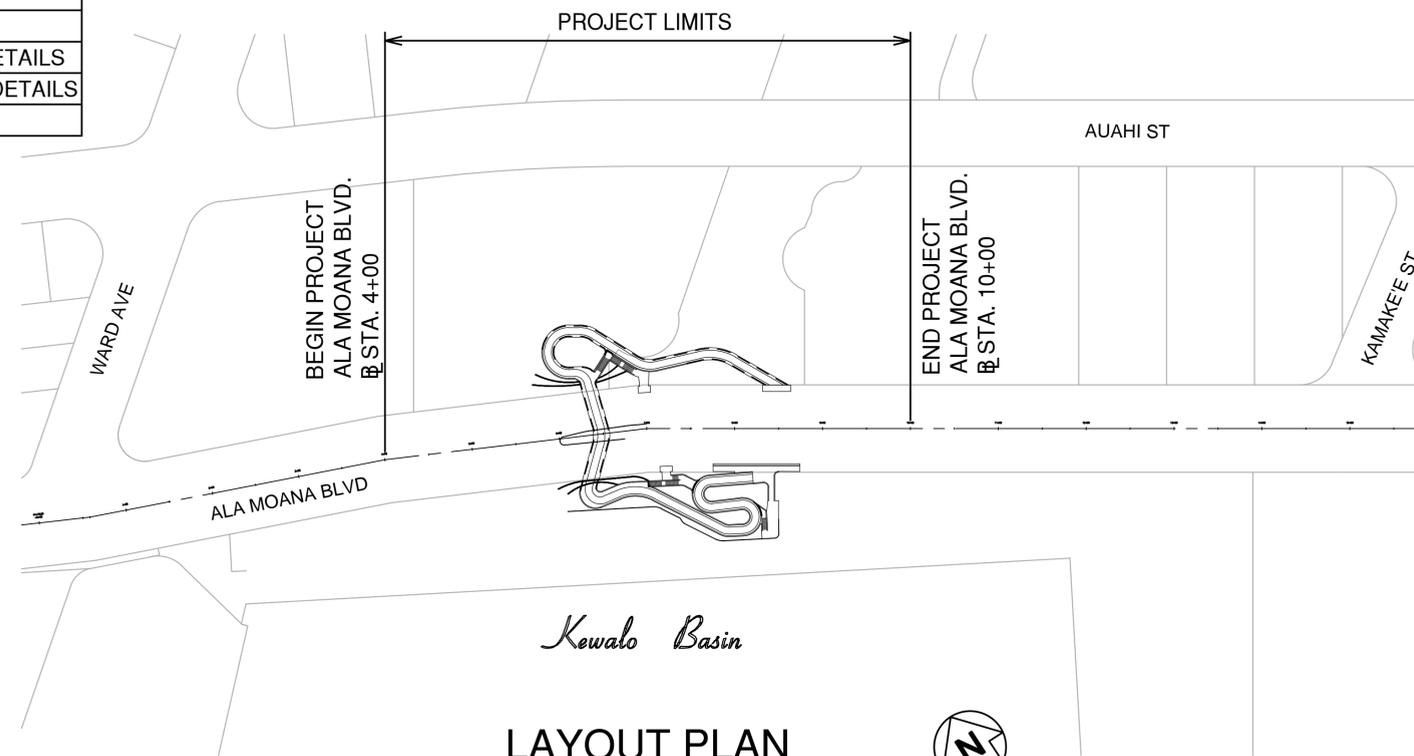
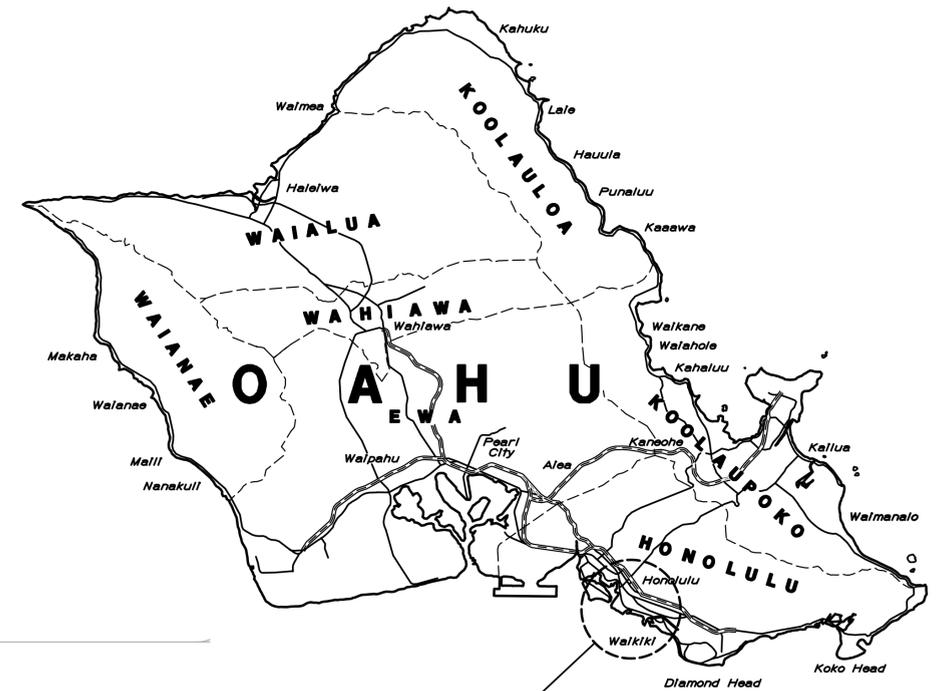
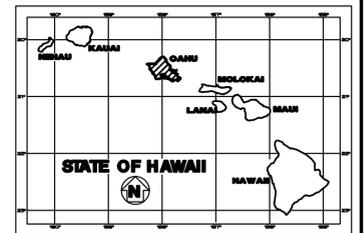
PREFINAL PLANS

**ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY**

FEDERAL-AID PROJECT NO. BLD-092-1(029)

DISTRICT OF HONOLULU
ISLAND OF OAHU

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	1	288



— FEDERAL AID INTERSTATE PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

MILE POST 7.49 TO MILE POST 7.60

DESIGN DESIGNATION

FUTURE ADT (2040)	.67,000
DESIGN ADT (2020)	63,300
DHV	5,360
D	.55/45
T	8.0
T24	.9.0
V	35 mph

LAYOUT PLAN

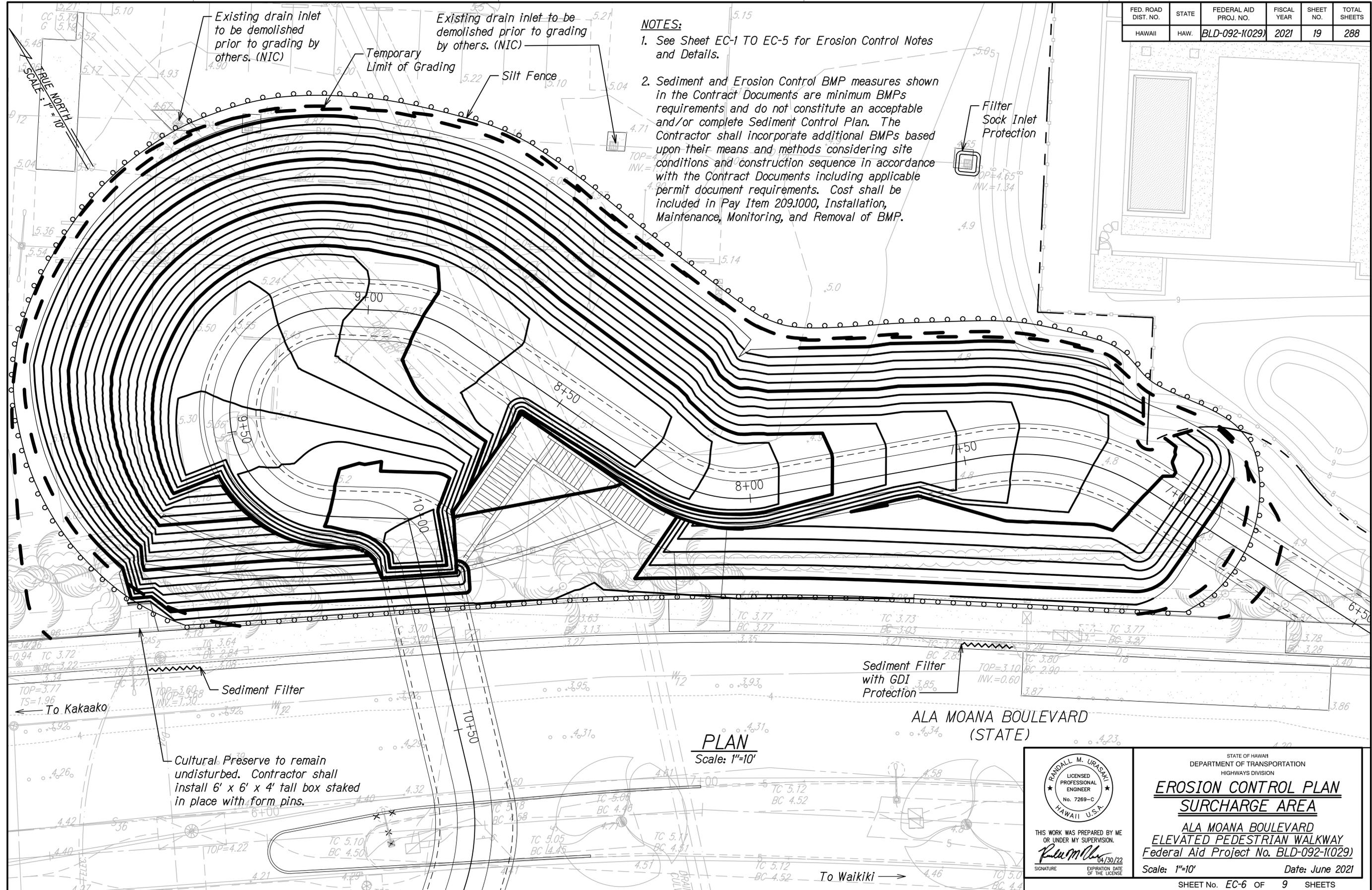
NOT TO SCALE
GROSS LENGTH OF PROJECT 0.11 MILES
NET LENGTH OF PROJECT 0.11 MILES

WSP USA INC. DESIGNED BY
HWY-DD MANAGED BY
692-7548 PHONE
JUNE 2021 DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:

DIR. OF TRANSPORTATION DATE

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	19	288



NOTES:

- See Sheet EC-1 TO EC-5 for Erosion Control Notes and Details.
- Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMP requirements and do not constitute an acceptable and/or complete Sediment Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.1000, Installation, Maintenance, Monitoring, and Removal of BMP.

PLAN
Scale: 1"=10'

DATE	.....
DESIGNED BY	.....
CHECKED BY	.....
QUANTITIES BY	.....
DESIGNED BY	.....
CHECKED BY	.....
DATE	.....



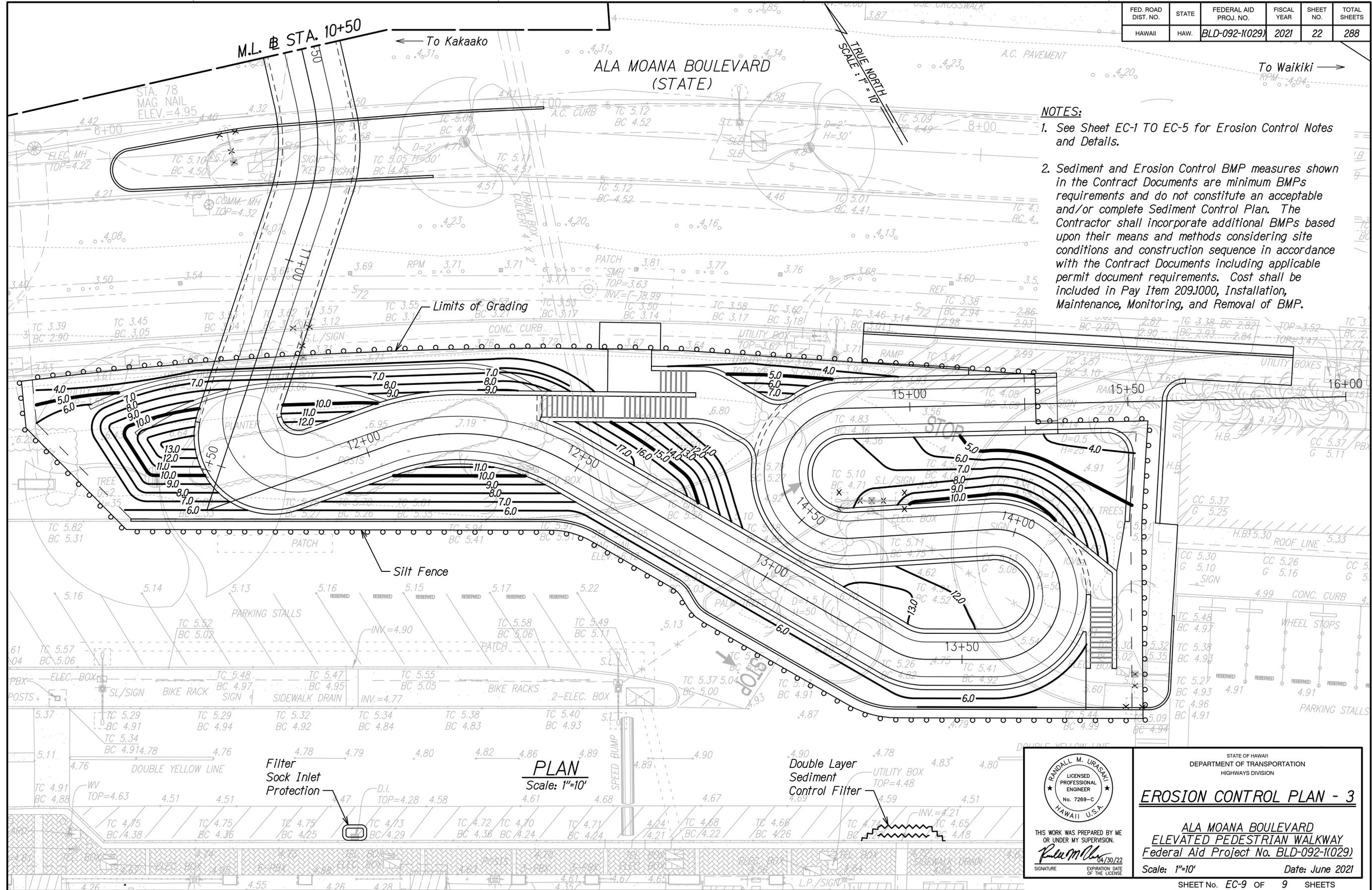
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. M. Urasaki

 SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
EROSION CONTROL PLAN
SURCHARGE AREA
 ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)
 Scale: 1"=10' Date: June 2021
 SHEET No. EC-6 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	22	288



- NOTES:**
1. See Sheet EC-1 TO EC-5 for Erosion Control Notes and Details.
 2. Sediment and Erosion Control BMP measures shown in the Contract Documents are minimum BMPs requirements and do not constitute an acceptable and/or complete Sediment Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.1000, Installation, Maintenance, Monitoring, and Removal of BMP.

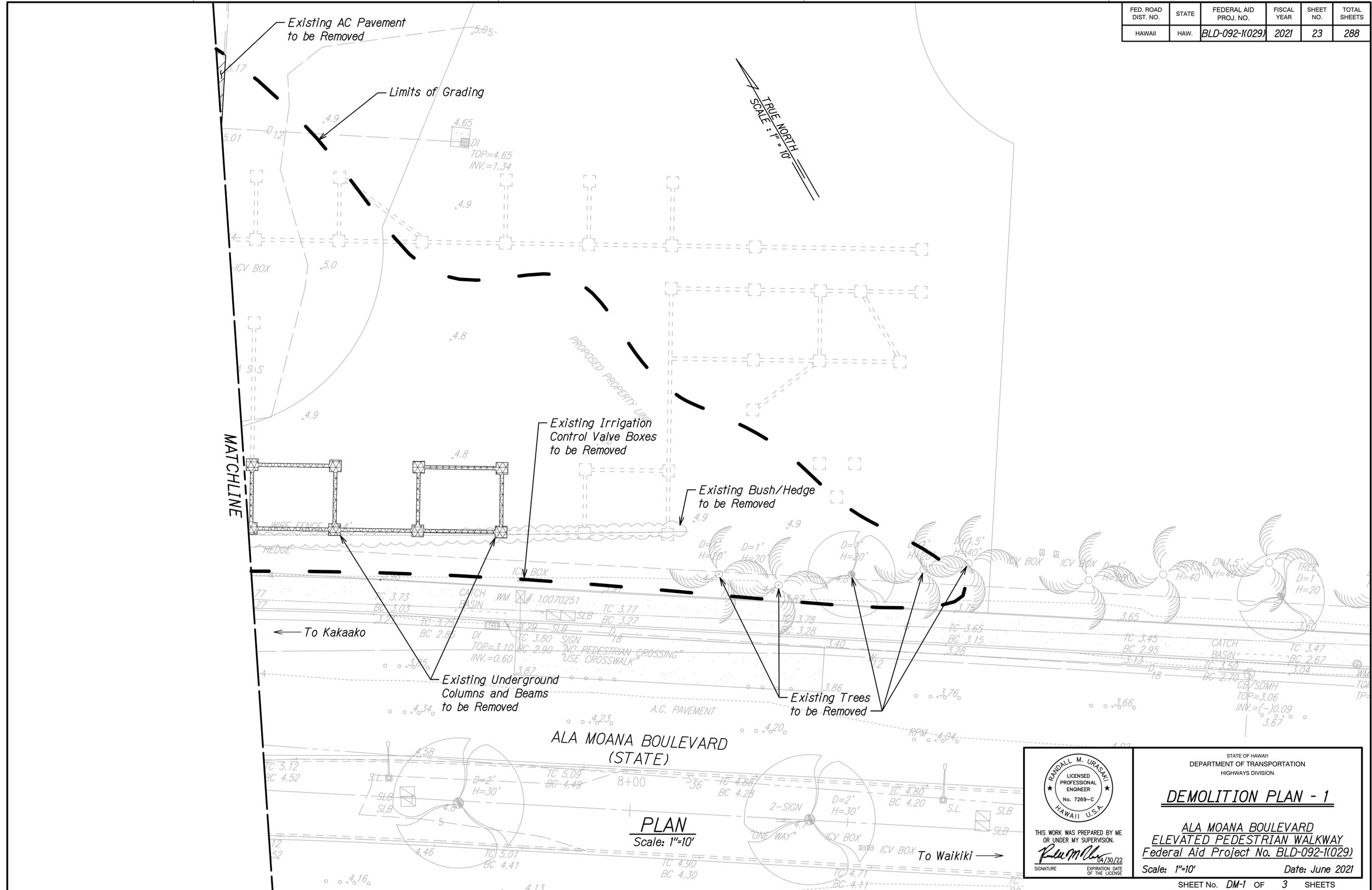
SURVEY PLOTTED BY: _____ DATE: _____
 ORIGINAL PLAN DRAWN BY: _____
 NOTE REVISIONS BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. _____

PLAN
Scale: 1"=10'

RANDALL M. URASAKI
 LICENSED PROFESSIONAL ENGINEER
 No. 7269-C
 HAWAII, U.S.A.
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
 SIGNATURE
 04/30/22
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
EROSION CONTROL PLAN - 3
 ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)
 Scale: 1"=10' Date: June 2021
 SHEET No. EC-9 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	23	288



MATCHLINE

PLAN
Scale: 1"=10'

RANDALL M. URASAKI
LICENSED PROFESSIONAL ENGINEER
No. 7269-C
HAWAII U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
SIGNATURE 04/30/22
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DEMOLITION PLAN - 1

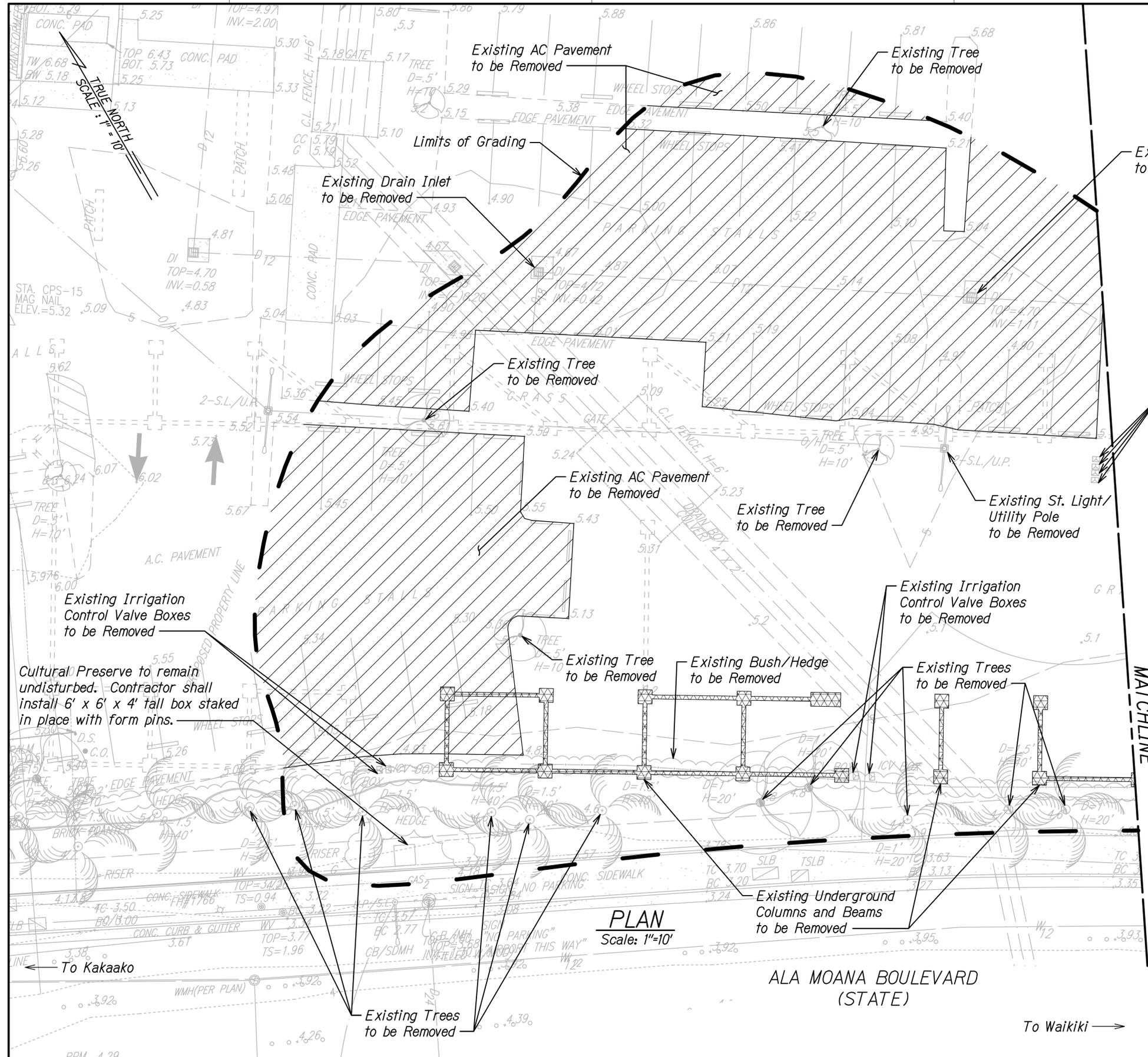
ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

SHEET No. DM-1 OF 3 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	24	288



Cultural Preserve to remain undisturbed. Contractor shall install 6' x 6' x 4' tall box staked in place with form pins.

DATE	.....
DESIGNED BY	.....
CHECKED BY	.....
QUANTITIES BY	.....
NO.	.....

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Randall M. Urasaki

 SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

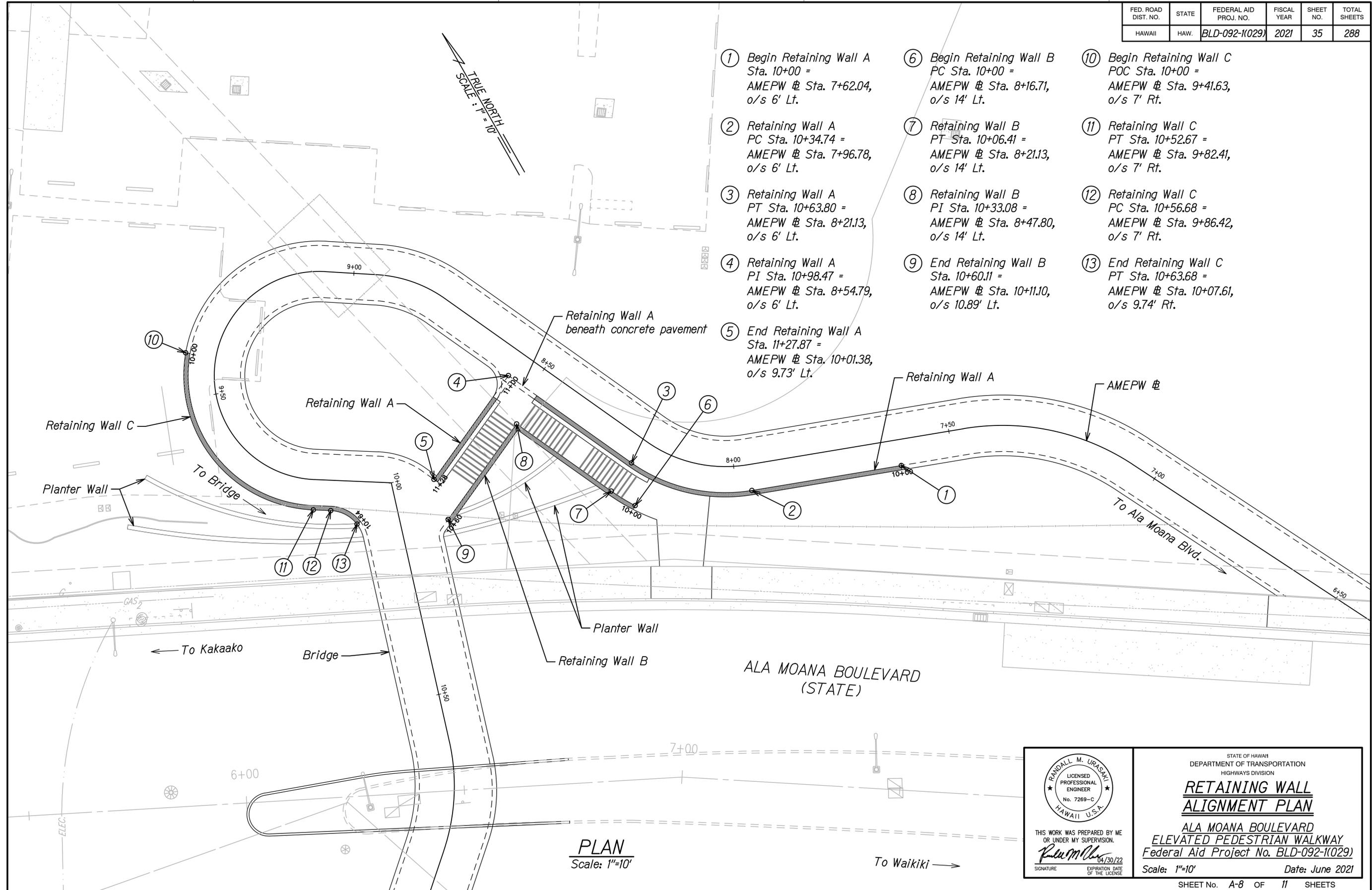
DEMOLITION PLAN - 2

**ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY**
 Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

SHEET No. DM-2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	35	288



- ① Begin Retaining Wall A
Sta. 10+00 =
AMEPW @ Sta. 7+62.04,
o/s 6' Lt.
- ② Retaining Wall A
PC Sta. 10+34.74 =
AMEPW @ Sta. 7+96.78,
o/s 6' Lt.
- ③ Retaining Wall A
PT Sta. 10+63.80 =
AMEPW @ Sta. 8+21.13,
o/s 6' Lt.
- ④ Retaining Wall A
PI Sta. 10+98.47 =
AMEPW @ Sta. 8+54.79,
o/s 6' Lt.
- ⑤ End Retaining Wall A
Sta. 11+27.87 =
AMEPW @ Sta. 10+01.38,
o/s 9.73' Lt.
- ⑥ Begin Retaining Wall B
PC Sta. 10+00 =
AMEPW @ Sta. 8+16.71,
o/s 14' Lt.
- ⑦ Retaining Wall B
PT Sta. 10+06.41 =
AMEPW @ Sta. 8+21.13,
o/s 14' Lt.
- ⑧ Retaining Wall B
PI Sta. 10+33.08 =
AMEPW @ Sta. 8+47.80,
o/s 14' Lt.
- ⑨ End Retaining Wall B
Sta. 10+60.11 =
AMEPW @ Sta. 10+11.10,
o/s 10.89' Lt.
- ⑩ Begin Retaining Wall C
POC Sta. 10+00 =
AMEPW @ Sta. 9+41.63,
o/s 7' Rt.
- ⑪ Retaining Wall C
PT Sta. 10+52.67 =
AMEPW @ Sta. 9+82.41,
o/s 7' Rt.
- ⑫ Retaining Wall C
PC Sta. 10+56.68 =
AMEPW @ Sta. 9+86.42,
o/s 7' Rt.
- ⑬ End Retaining Wall C
PT Sta. 10+63.68 =
AMEPW @ Sta. 10+07.61,
o/s 9.74' Rt.

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
DATE	_____

PLAN
Scale: 1"=10'

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**RETAINING WALL
ALIGNMENT PLAN**

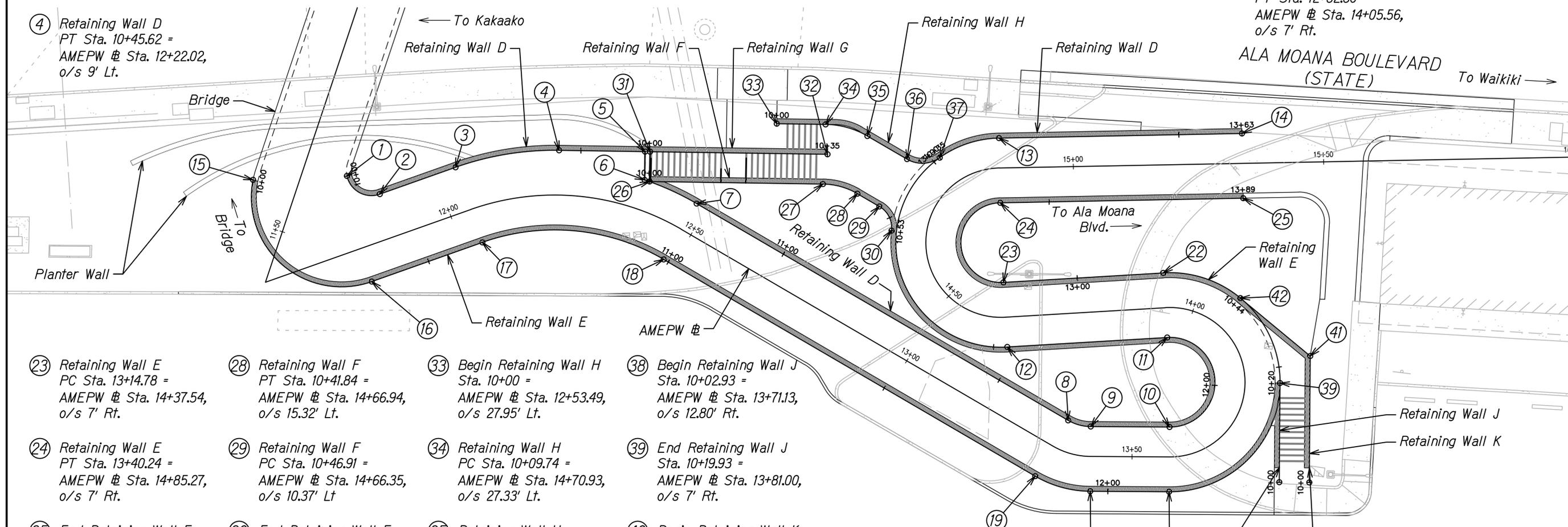
ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	36	288

- ① Begin Retaining Wall D
PC Sta. 10+00 =
AMEPW @ Sta. 11+35.29,
o/s 8.69' Lt.
- ② Retaining Wall D
PT Sta. 10+08.51 =
AMEPW @ Sta. 11+88.12,
o/s 9' Lt.
- ③ Retaining Wall D
PC Sta. 10+24.55 =
AMEPW @ Sta. 12+04.17,
o/s 9' Lt.
- ④ Retaining Wall D
PT Sta. 10+45.62 =
AMEPW @ Sta. 12+22.02,
o/s 9' Lt.
- ⑤ Retaining Wall D
PI Sta. 10+62.78 =
AMEPW @ Sta. 12+36.18,
o/s 11.45' Lt.
- ⑥ Retaining Wall D
PC Sta. 10+68.48 =
AMEPW @ Sta. 12+37.60,
o/s 6' Lt.
- ⑦ Retaining Wall D
PT Sta. 10+79.92 =
AMEPW @ Sta. 12+47.81,
o/s 6' Lt.
- ⑧ Retaining Wall D
PC Sta. 11+65.95 =
AMEPW @ Sta. 13+33.85,
o/s 6' Lt.
- ⑨ Retaining Wall D
PT Sta. 11+70.67 =
AMEPW @ Sta. 13+41.71,
o/s 6' Lt.
- ⑩ Retaining Wall D
PC Sta. 11+86.40 =
AMEPW @ Sta. 13+57.44,
o/s 6' Lt.
- ⑪ Retaining Wall D
PT Sta. 12+15.28 =
AMEPW @ Sta. 14+05.56,
o/s 6' Lt.
- ⑫ Retaining Wall D
PC Sta. 12+47.26 =
AMEPW @ Sta. 14+37.54,
o/s 6' Lt.
- ⑬ Retaining Wall D
PT Sta. 13+14.08 =
AMEPW @ Sta. 14+85.27,
o/s 6' Lt.
- ⑭ End Retaining Wall D
Sta. 13+62.61 =
AMEPW @ Sta. 15+33.80,
o/s 6' Lt.
- ⑮ Begin Retaining Wall E
PC Sta. 10+00 =
AMEPW @ Sta. 11+41.96,
o/s 8.85' Rt.
- ⑯ Retaining Wall E
PT Sta. 10+37.93 =
AMEPW @ Sta. 11+80.70,
o/s 7' Rt.
- ⑰ Retaining Wall E
PC Sta. 10+61.40 =
AMEPW @ Sta. 12+04.17,
o/s 7' Rt.
- ⑱ Retaining Wall E
PT Sta. 10+98.93 =
AMEPW @ Sta. 12+47.81,
o/s 7' Rt.
- ⑲ Retaining Wall E
PC Sta. 11+84.97 =
AMEPW @ Sta. 13+33.85,
o/s 7' Rt.

- ⑳ Retaining Wall E
PT Sta. 11+96.49 =
AMEPW @ Sta. 13+41.71,
o/s 7' Rt.
- ㉑ Retaining Wall E
PC Sta. 12+12.23 =
AMEPW @ Sta. 13+57.44,
o/s 7' Rt.
- ㉒ Retaining Wall E
PT Sta. 12+82.80 =
AMEPW @ Sta. 14+05.56,
o/s 7' Rt.



- ⑳ Retaining Wall E
PC Sta. 13+14.78 =
AMEPW @ Sta. 14+37.54,
o/s 7' Rt.
- ㉑ Retaining Wall E
PT Sta. 13+40.24 =
AMEPW @ Sta. 14+85.27,
o/s 7' Rt.
- ㉒ End Retaining Wall E
PT Sta. 13+88.77 =
AMEPW @ Sta. 15+33.80,
o/s 7' Rt.
- ㉓ Begin Retaining Wall F
Sta. 10+00 =
AMEPW @ Sta. 12+38.53,
o/s 6.03' Lt.
- ㉔ Retaining Wall F
PC Sta. 10+34.62 =
AMEPW @ Sta. 12.67+59,
o/s 22.14' Lt.
- ㉕ Retaining Wall F
PT Sta. 10+41.84 =
AMEPW @ Sta. 14+66.94,
o/s 15.32' Lt.
- ㉖ Retaining Wall F
PC Sta. 10+46.91 =
AMEPW @ Sta. 14+66.35,
o/s 10.37' Lt.
- ㉗ End Retaining Wall F
PRC Sta. 10+52.66 =
AMEPW @ Sta. 14+63.64,
o/s 7' Lt.
- ㉘ End Retaining Wall F
PC Sta. 10+35.43 =
AMEPW @ Sta. 14+69.09,
o/s 23.93' Lt.
- ㉙ Begin Retaining Wall H
Sta. 10+00 =
AMEPW @ Sta. 12+53.49,
o/s 27.95' Lt.
- ㉚ Retaining Wall H
PC Sta. 10+09.74 =
AMEPW @ Sta. 14+70.93,
o/s 27.33' Lt.
- ㉛ Retaining Wall H
PT Sta. 10+18.51 =
AMEPW @ Sta. 14+72.14,
o/s 19.21' Lt.
- ㉜ Retaining Wall H
PC Sta. 10+27.69 =
AMEPW @ Sta. 14+72.93,
o/s 10.17' Lt.
- ㉝ End Retaining Wall H
PRC Sta. 10+34.60 =
AMEPW @ Sta. 14+76.23,
o/s 6' Lt.
- ㉞ Begin Retaining Wall J
Sta. 10+02.93 =
AMEPW @ Sta. 13+71.13,
o/s 12.80' Rt.
- ㉟ End Retaining Wall J
Sta. 10+19.93 =
AMEPW @ Sta. 13+81.00,
o/s 7' Rt.
- ㊱ Begin Retaining Wall K
Sta. 10+02.93 =
AMEPW @ Sta. 13+72.82,
o/s 17.76' Rt.
- ㊲ Retaining Wall K
PI Sta. 10+25.40 =
AMEPW @ Sta. 13+83.90,
o/s 13.53' Rt.
- ㊳ End Retaining Wall K
Sta. 10+43.56 =
AMEPW @ Sta. 13+94.25,
o/s 7' Rt.

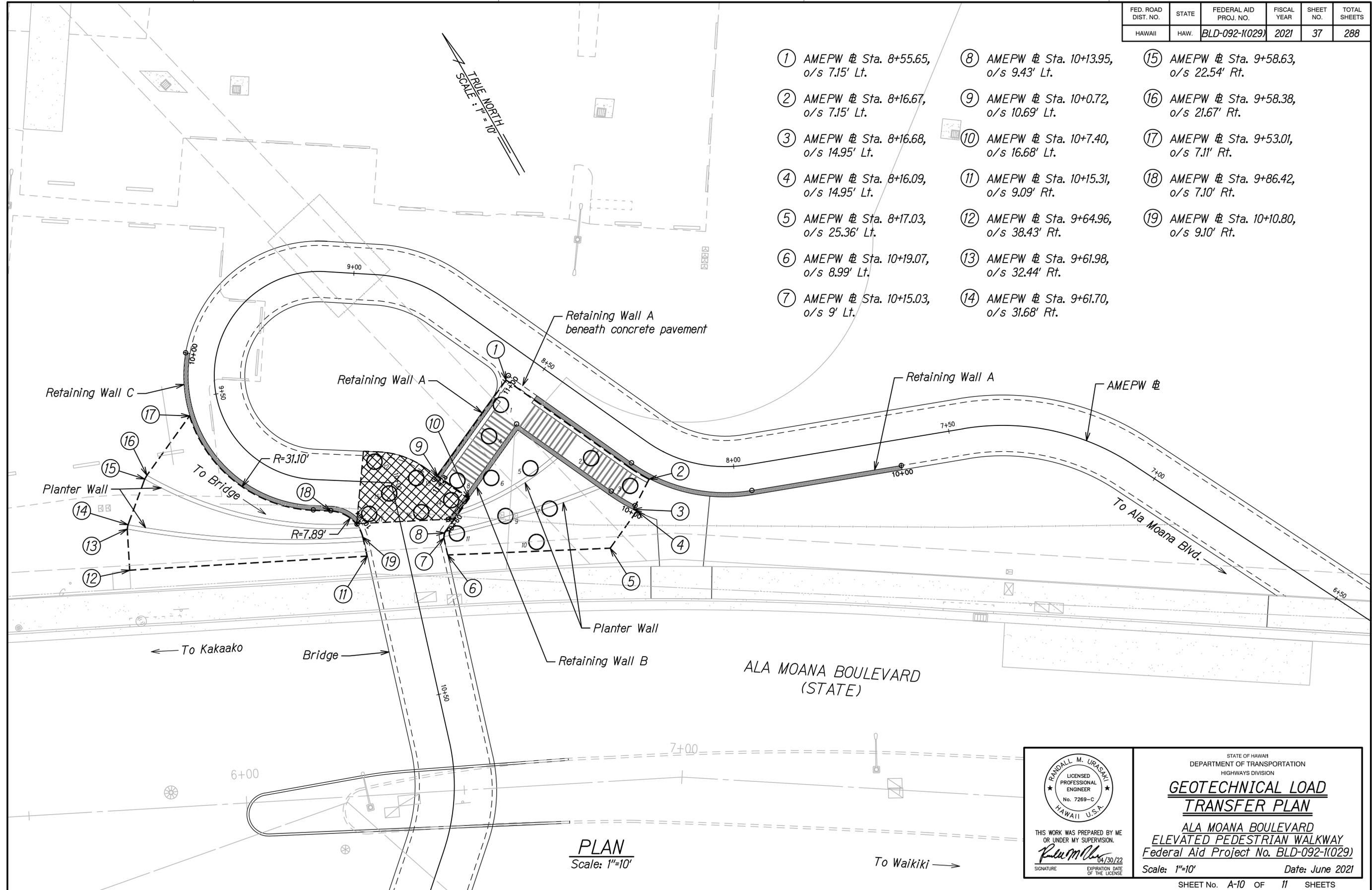
PLAN
Scale: 1"=10'

DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN DRAWN BY	_____
NOTE REVISIONS	_____
DESIGNED BY	_____
CHECKED BY	_____
NO.	_____

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION RETAINING WALL ALIGNMENT PLAN ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)
	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>R. M. Urasaki</i> SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22
Scale: 1"=10' Date: June 2021	
SHEET No. A-9 OF 11 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	37	288

- ① AMEPW @ Sta. 8+55.65, o/s 7.15' Lt.
- ② AMEPW @ Sta. 8+16.67, o/s 7.15' Lt.
- ③ AMEPW @ Sta. 8+16.68, o/s 14.95' Lt.
- ④ AMEPW @ Sta. 8+16.09, o/s 14.95' Lt.
- ⑤ AMEPW @ Sta. 8+17.03, o/s 25.36' Lt.
- ⑥ AMEPW @ Sta. 10+19.07, o/s 8.99' Lt.
- ⑦ AMEPW @ Sta. 10+15.03, o/s 9' Lt.
- ⑧ AMEPW @ Sta. 10+13.95, o/s 9.43' Lt.
- ⑨ AMEPW @ Sta. 10+0.72, o/s 10.69' Lt.
- ⑩ AMEPW @ Sta. 10+7.40, o/s 16.68' Lt.
- ⑪ AMEPW @ Sta. 10+15.31, o/s 9.09' Rt.
- ⑫ AMEPW @ Sta. 9+64.96, o/s 38.43' Rt.
- ⑬ AMEPW @ Sta. 9+61.98, o/s 32.44' Rt.
- ⑭ AMEPW @ Sta. 9+61.70, o/s 31.68' Rt.
- ⑮ AMEPW @ Sta. 9+58.63, o/s 22.54' Rt.
- ⑯ AMEPW @ Sta. 9+58.38, o/s 21.67' Rt.
- ⑰ AMEPW @ Sta. 9+53.01, o/s 7.11' Rt.
- ⑱ AMEPW @ Sta. 9+86.42, o/s 7.10' Rt.
- ⑲ AMEPW @ Sta. 10+10.80, o/s 9.10' Rt.



DATE _____
 SURVEY PLOTTED BY _____
 ORIGINAL PLAN DRAWN BY _____
 NOTE REVISIONS BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 No. _____

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. Urasaki
 SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22

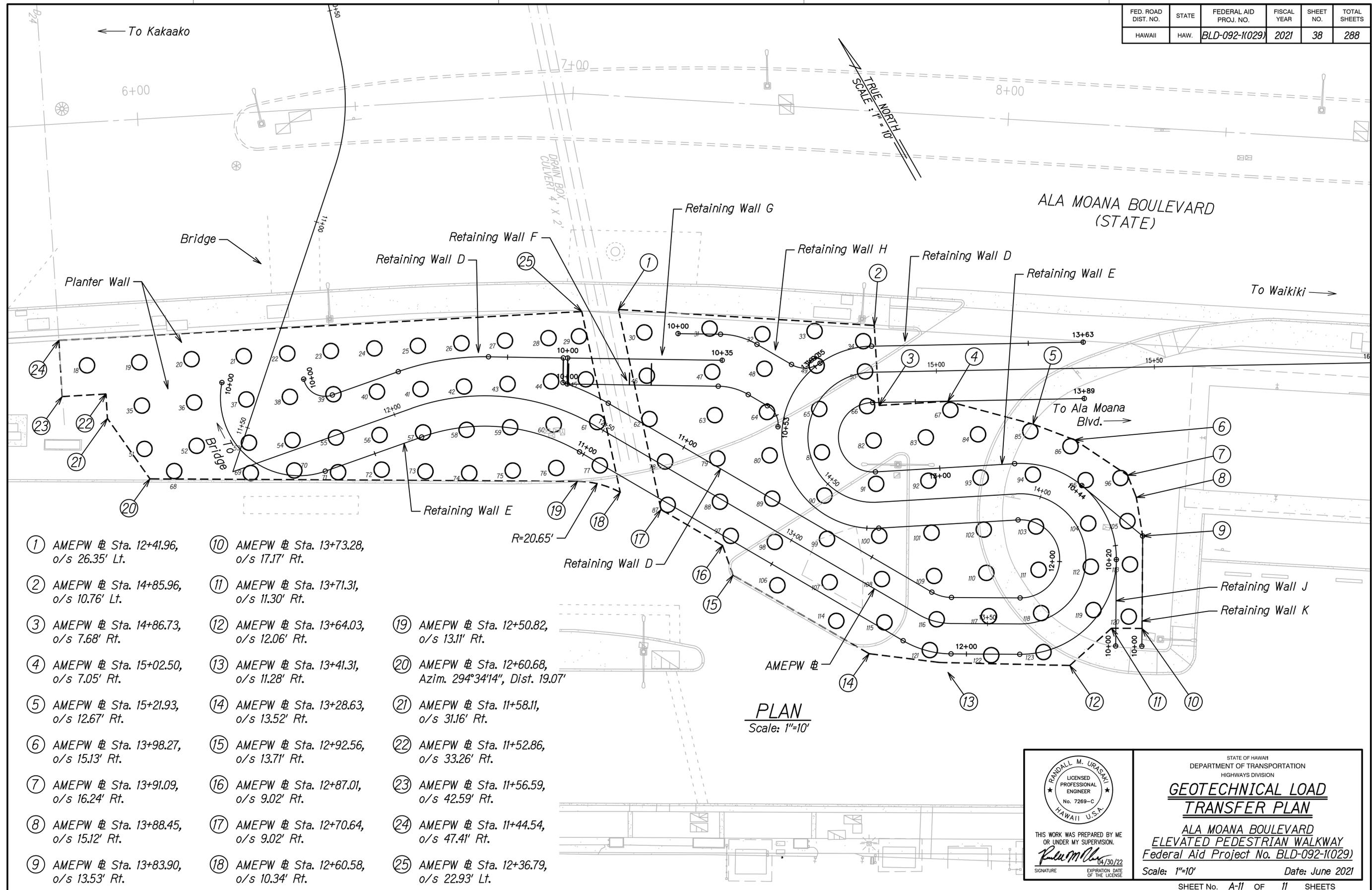
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

GEOTECHNICAL LOAD TRANSFER PLAN

ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	38	288



- | | | |
|--|--|--|
| ① AMEPW @ Sta. 12+41.96,
o/s 26.35' Lt. | ⑩ AMEPW @ Sta. 13+73.28,
o/s 17.17' Rt. | |
| ② AMEPW @ Sta. 14+85.96,
o/s 10.76' Lt. | ⑪ AMEPW @ Sta. 13+71.31,
o/s 11.30' Rt. | |
| ③ AMEPW @ Sta. 14+86.73,
o/s 7.68' Rt. | ⑫ AMEPW @ Sta. 13+64.03,
o/s 12.06' Rt. | ⑲ AMEPW @ Sta. 12+50.82,
o/s 13.11' Rt. |
| ④ AMEPW @ Sta. 15+02.50,
o/s 7.05' Rt. | ⑬ AMEPW @ Sta. 13+41.31,
o/s 11.28' Rt. | ⑳ AMEPW @ Sta. 12+60.68,
Azim. 294°34'14", Dist. 19.07' |
| ⑤ AMEPW @ Sta. 15+21.93,
o/s 12.67' Rt. | ⑭ AMEPW @ Sta. 13+28.63,
o/s 13.52' Rt. | ㉑ AMEPW @ Sta. 11+58.11,
o/s 31.16' Rt. |
| ⑥ AMEPW @ Sta. 13+98.27,
o/s 15.13' Rt. | ⑮ AMEPW @ Sta. 12+92.56,
o/s 13.71' Rt. | ㉒ AMEPW @ Sta. 11+52.86,
o/s 33.26' Rt. |
| ⑦ AMEPW @ Sta. 13+91.09,
o/s 16.24' Rt. | ⑯ AMEPW @ Sta. 12+87.01,
o/s 9.02' Rt. | ㉓ AMEPW @ Sta. 11+56.59,
o/s 42.59' Rt. |
| ⑧ AMEPW @ Sta. 13+88.45,
o/s 15.12' Rt. | ⑰ AMEPW @ Sta. 12+70.64,
o/s 9.02' Rt. | ㉔ AMEPW @ Sta. 11+44.54,
o/s 47.41' Rt. |
| ⑨ AMEPW @ Sta. 13+83.90,
o/s 13.53' Rt. | ⑱ AMEPW @ Sta. 12+60.58,
o/s 10.34' Rt. | ㉕ AMEPW @ Sta. 12+36.79,
o/s 22.93' Lt. |

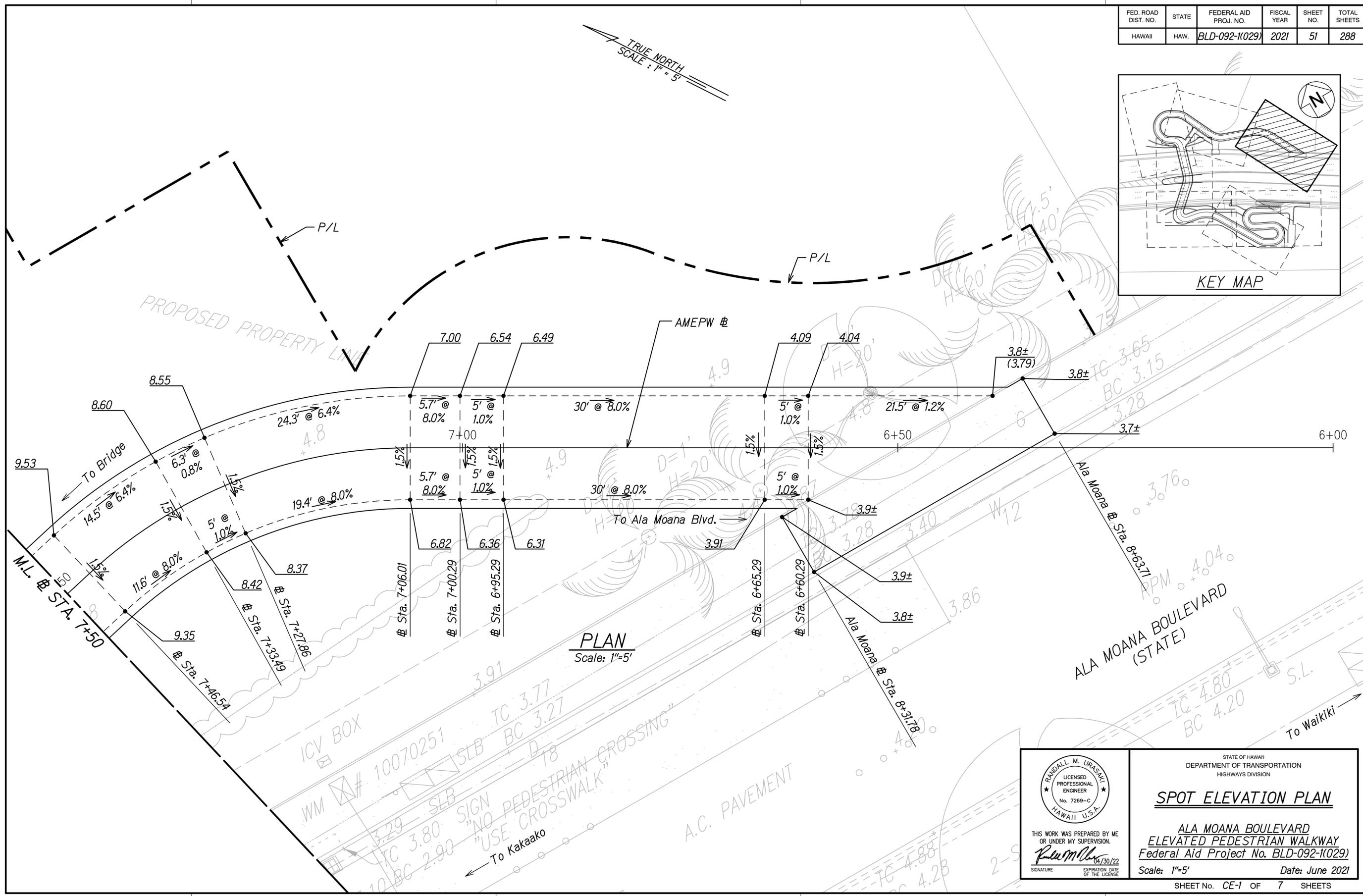
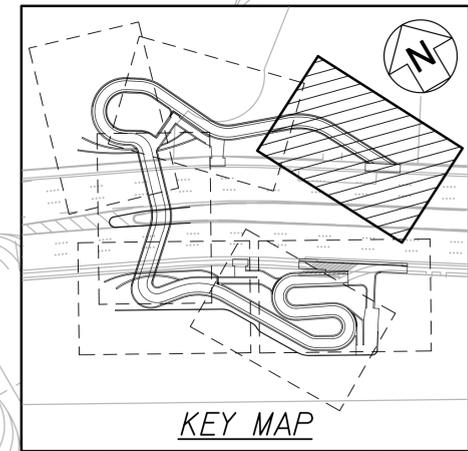
PLAN
Scale: 1"=10'

SURVEY PLOTTED BY: _____ DATE: _____
 ORIGINAL PLAN DRAWN BY: _____
 NOTE REVISIONS BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. _____

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION GEOTECHNICAL LOAD TRANSFER PLAN ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)
	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>R. M. Urasaki</i> SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22
Scale: 1"=10' Date: June 2021	
SHEET No. A-11 OF 11 SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	51	288

TRUE NORTH
SCALE: 1" = 5'



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NO. _____	_____

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Randall M. Urasaki

SIGNATURE

EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

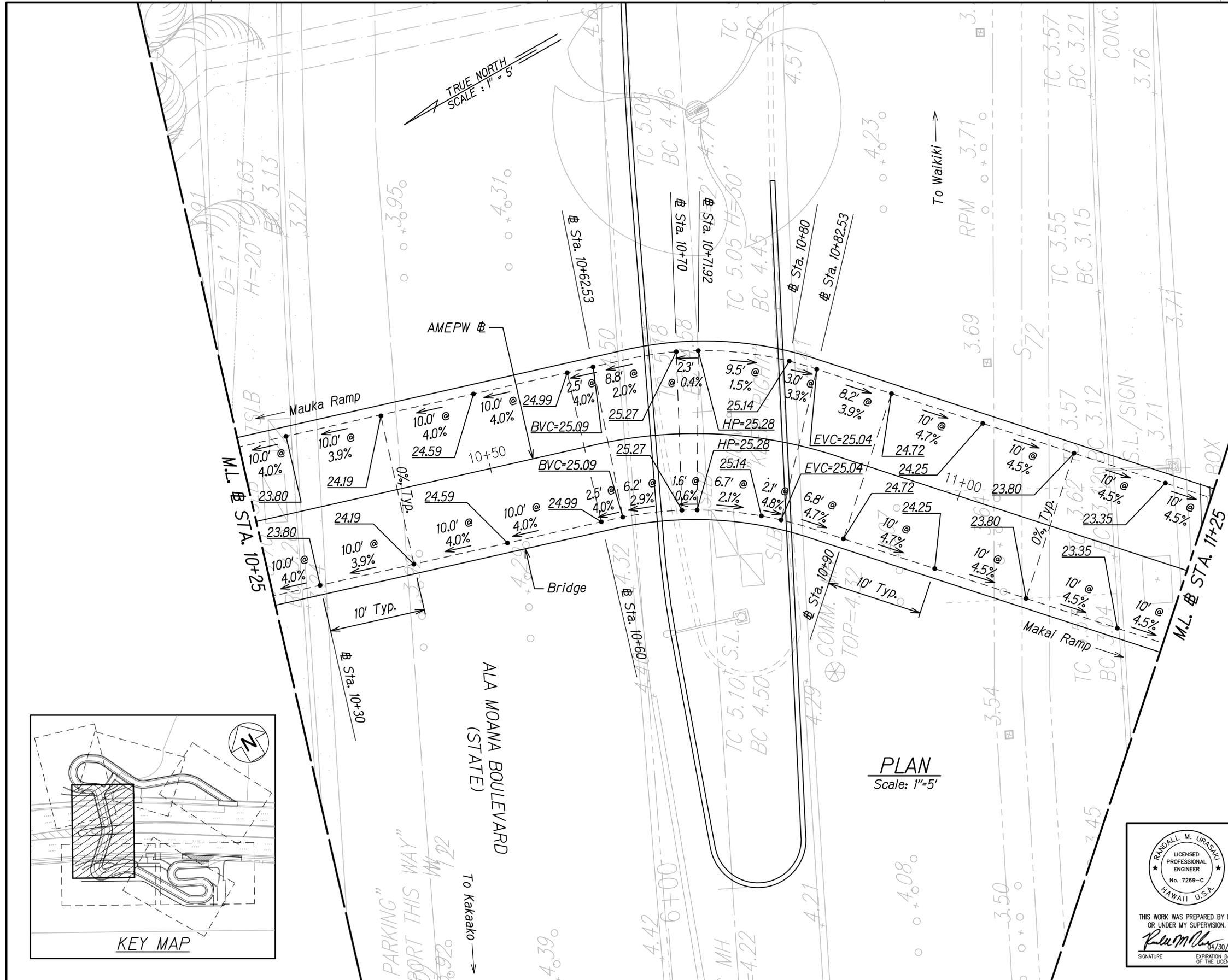
SPOT ELEVATION PLAN

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

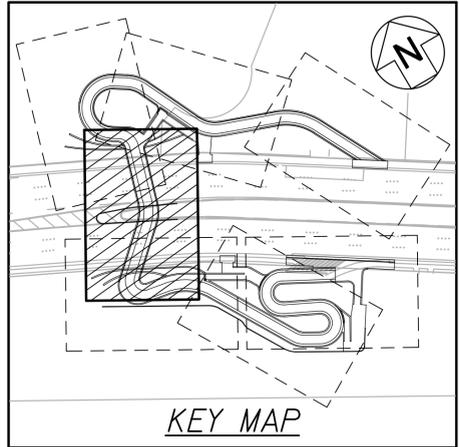
Scale: 1"=5' Date: June 2021

SHEET No. CE-1 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	54	288



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
NO.	

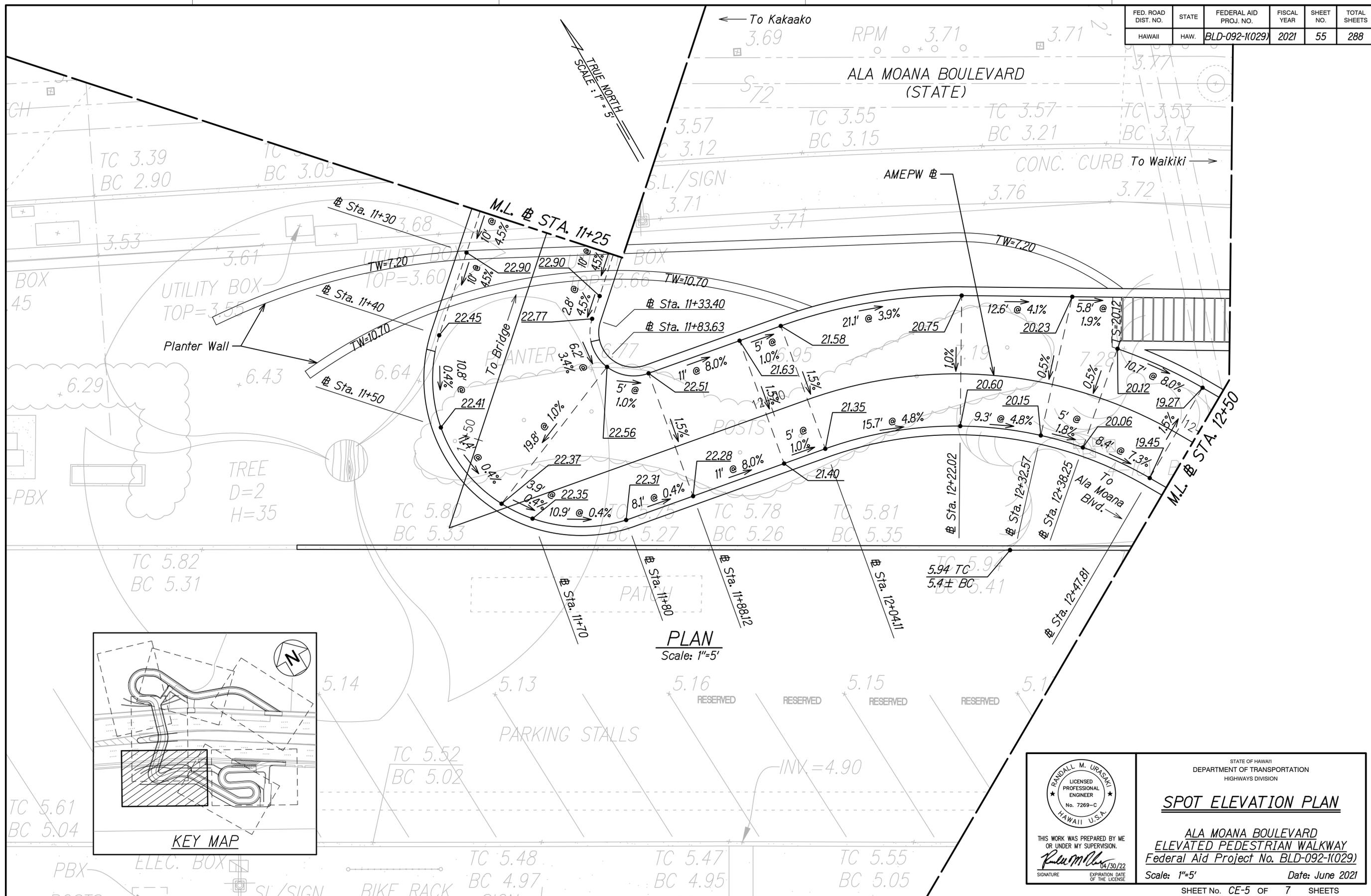


PLAN
Scale: 1"=5'

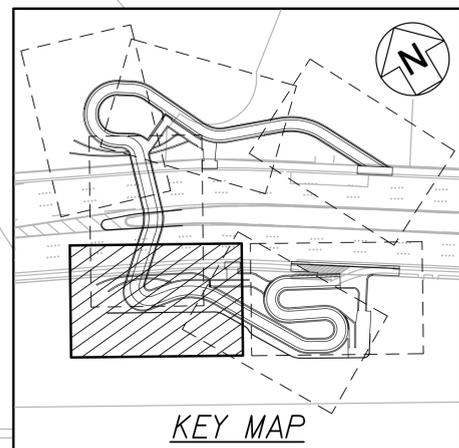

 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 Signature: *R. Urasaki*
 EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SPOT ELEVATION PLAN
 ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)
 Scale: 1"=5' Date: June 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	55	288



DATE	_____
SURVEY PLOTTED BY	_____
ORIGINAL PLAN DRAWN BY	_____
NOTE REVISIONS	_____
DESIGNED BY	_____
CHECKED BY	_____
NO.	_____



PLAN
Scale: 1"=5'


 RANDALL M. URASAKI
 LICENSED PROFESSIONAL ENGINEER
 No. 7269-C
 HAWAII U.S.A.
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
 SIGNATURE
 EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SPOT ELEVATION PLAN
 ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)
 Scale: 1"=5' Date: June 2021
 SHEET No. CE-5 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	58	288

Existing drain inlet to be demolished prior to grading by others. (NIC)

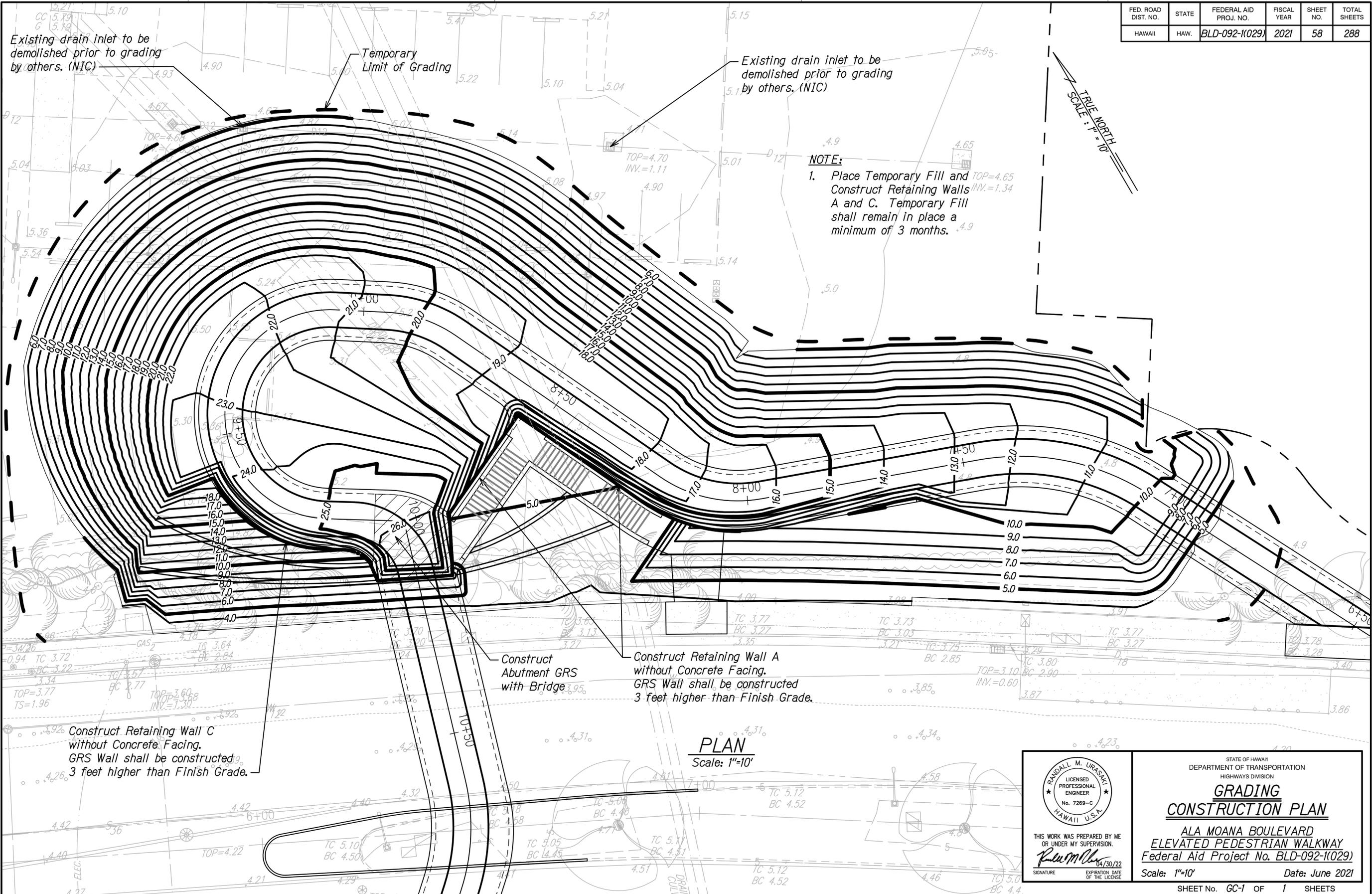
Temporary Limit of Grading

Existing drain inlet to be demolished prior to grading by others. (NIC)

TRUE NORTH
SCALE: 1"=10'

NOTE:

1. Place Temporary Fill and Construct Retaining Walls A and C. Temporary Fill shall remain in place a minimum of 3 months.



Construct Abutment GRS with Bridge

Construct Retaining Wall A without Concrete Facing. GRS Wall shall be constructed 3 feet higher than Finish Grade.

Construct Retaining Wall C without Concrete Facing. GRS Wall shall be constructed 3 feet higher than Finish Grade.

PLAN
Scale: 1"=10'

DATE	.....
DESIGNED BY	.....
CHECKED BY	.....
QUANTITIES BY	.....
REVISIONS	.....

RANDALL M. URASAKI
LICENSED PROFESSIONAL ENGINEER
No. 7269-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
SIGNATURE
EXPIRATION DATE OF LICENSE: 04/30/22

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

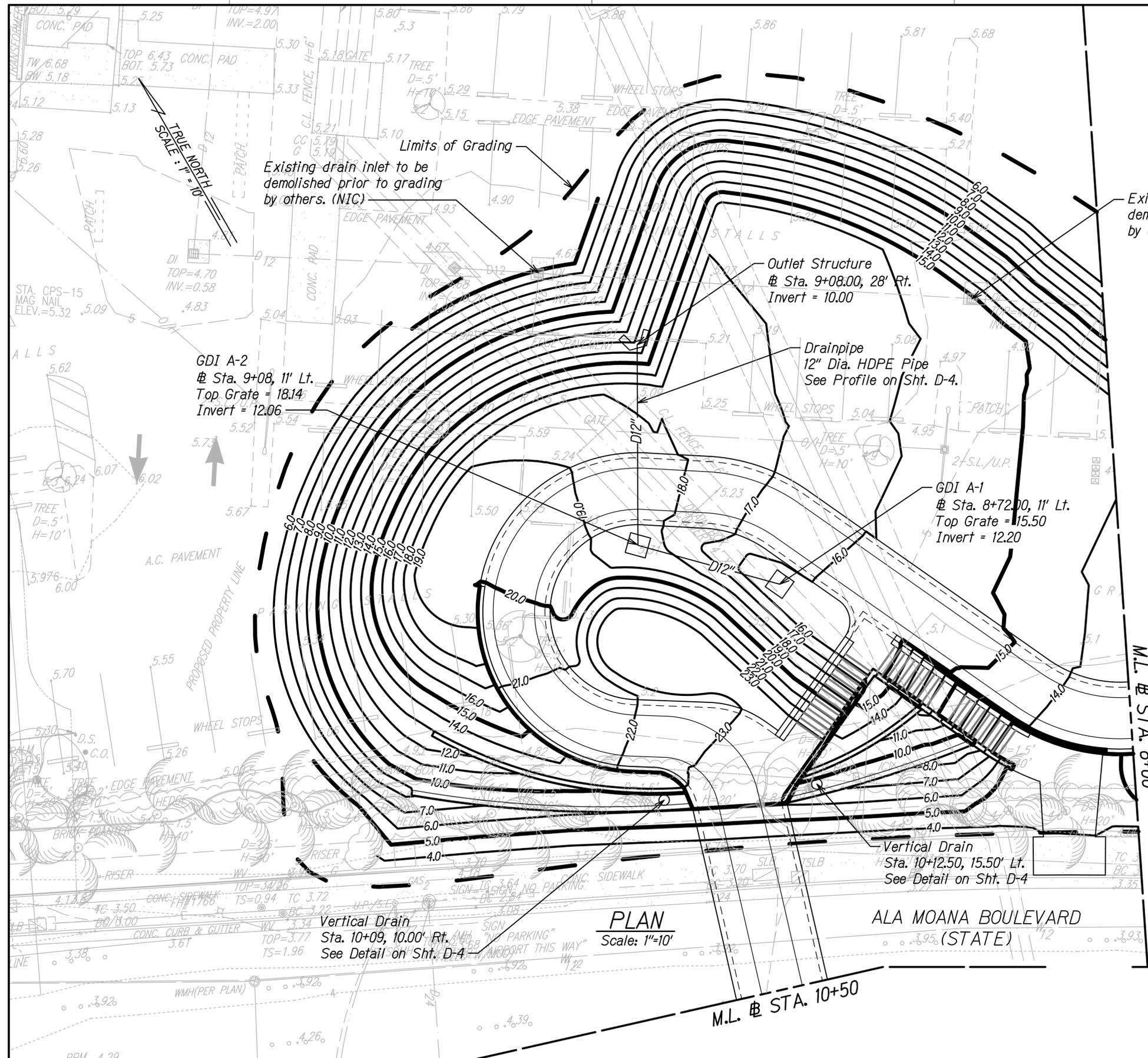
**GRADING
CONSTRUCTION PLAN**

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

SHEET No. GC-1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	60	288



DATE:
 SURVEY PLOTTED BY:
 ORIGINAL PLAN DRAWN BY:
 NOTE REVISIONS BY:
 QUANTITIES BY:
 CHECKED BY:
 No.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
 SIGNATURE EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

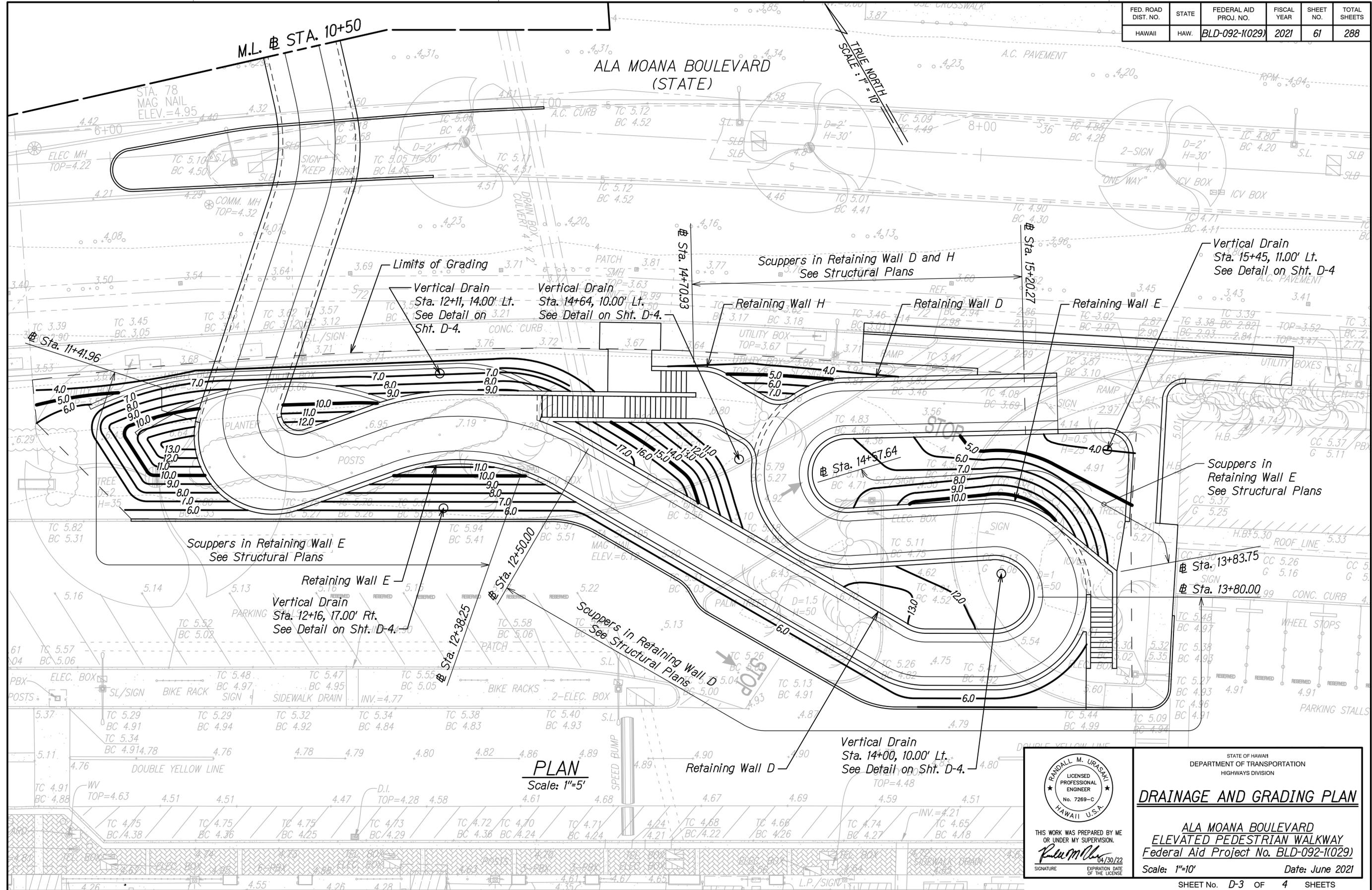
DRAINAGE AND GRADING PLAN

ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

SHEET No. D-2 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	61	288



DATE:
 SURVEY PLOTTED BY:
 ORIGINAL PLAN DRAWN BY:
 NOTE REDESIGNED BY:
 QUANTITIES BY:
 CHECKED BY:
 No.

RANDALL M. URASAKI
 LICENSED PROFESSIONAL ENGINEER
 No. 7269-C
 HAWAII U.S.A.
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
R. M. Urasaki
 SIGNATURE
 EXPIRATION DATE OF THE LICENSE: 04/30/22

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE AND GRADING PLAN

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)

Scale: 1"=10' Date: June 2021

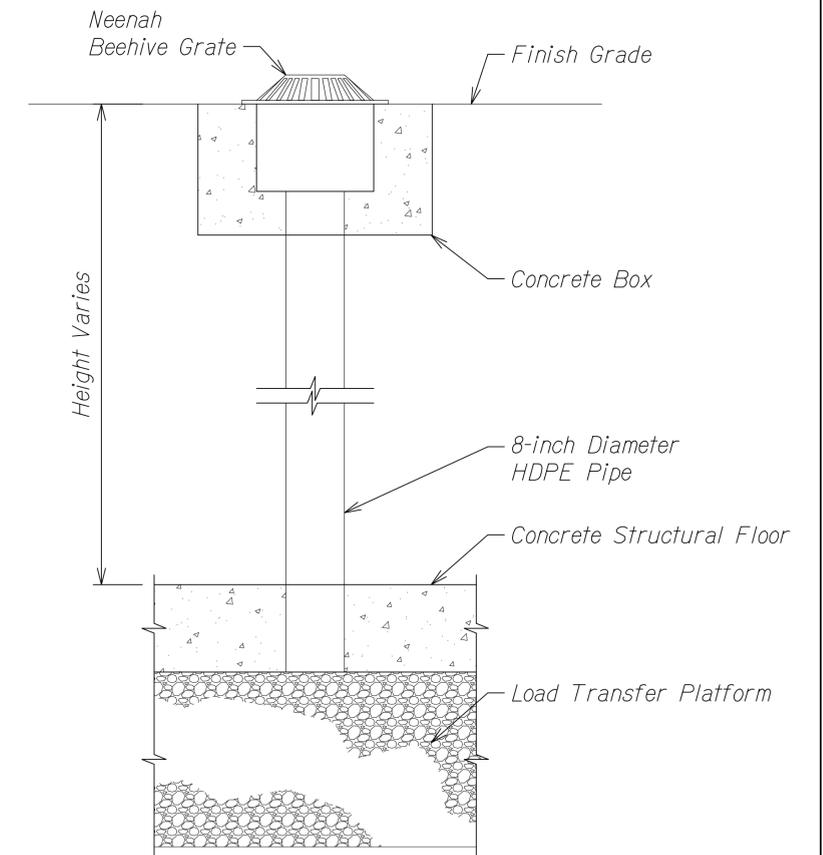
SHEET No. D-3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	62	288



DRAINAGE PIPE PROFILE

Horiz: 1"=40'
Vert: 1"=4'



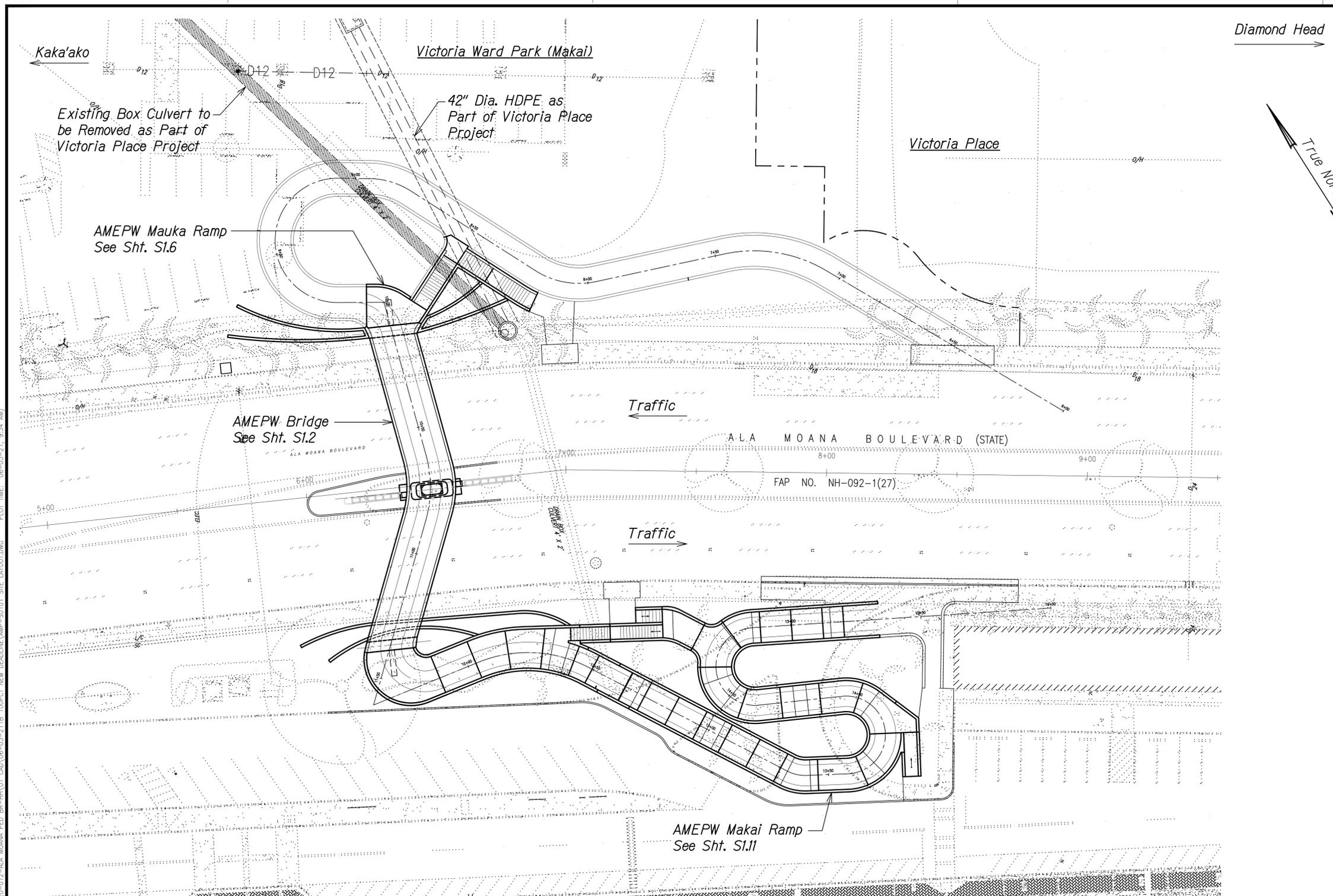
VERTICAL DRAIN

Not to Scale

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	<p align="center">DRAINAGE PROFILE</p> <p align="center">DETAILS</p>
	<p align="center">ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)</p>
	Scale: As Shown Date: June 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	119	288



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____

DRAWING NAME: ZA:00:ONGONG:00:CB:PROJECTS:20-012-ALA MOANA PED BR-HHA:01 CAD:06-03-21:11B:100PCT NEW DEADLINE:AMP-50101 SITE LAYOUT.DWG PLOT TIME: 06-03-21, 9:34 AM

WALKWAY LAYOUT PLAN
 Scale: 1" = 20'-0"
 A
 S1.1 S1.1



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Stephen Peters
 SIGNATURE 4-30-22
 EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

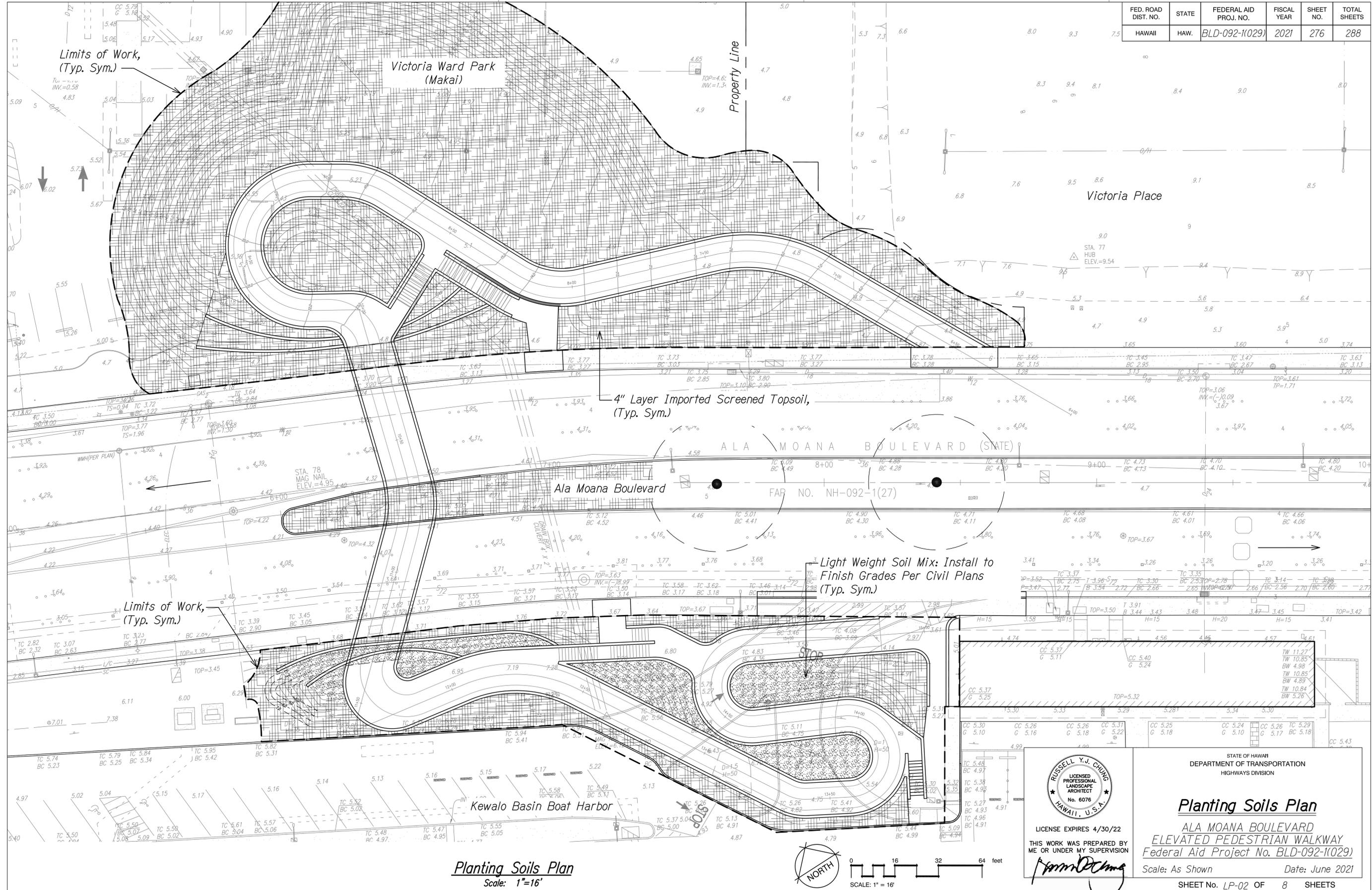
WALKWAY LAYOUT PLAN

**ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)**

Scale: As Noted Date: June 2021

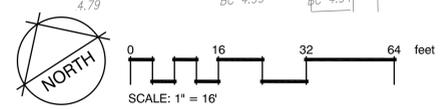
SHEET No. **S1.1** OF **19** SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	276	288



DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
QUANTITIES BY	_____
NOTED BY	_____
TRACED BY	_____
PLANNED BY	_____
ORIGINAL PLAN	_____

Planting Soils Plan
Scale: 1"=16'



LICENSE EXPIRES 4/30/22

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Russell Y.J. Chung

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

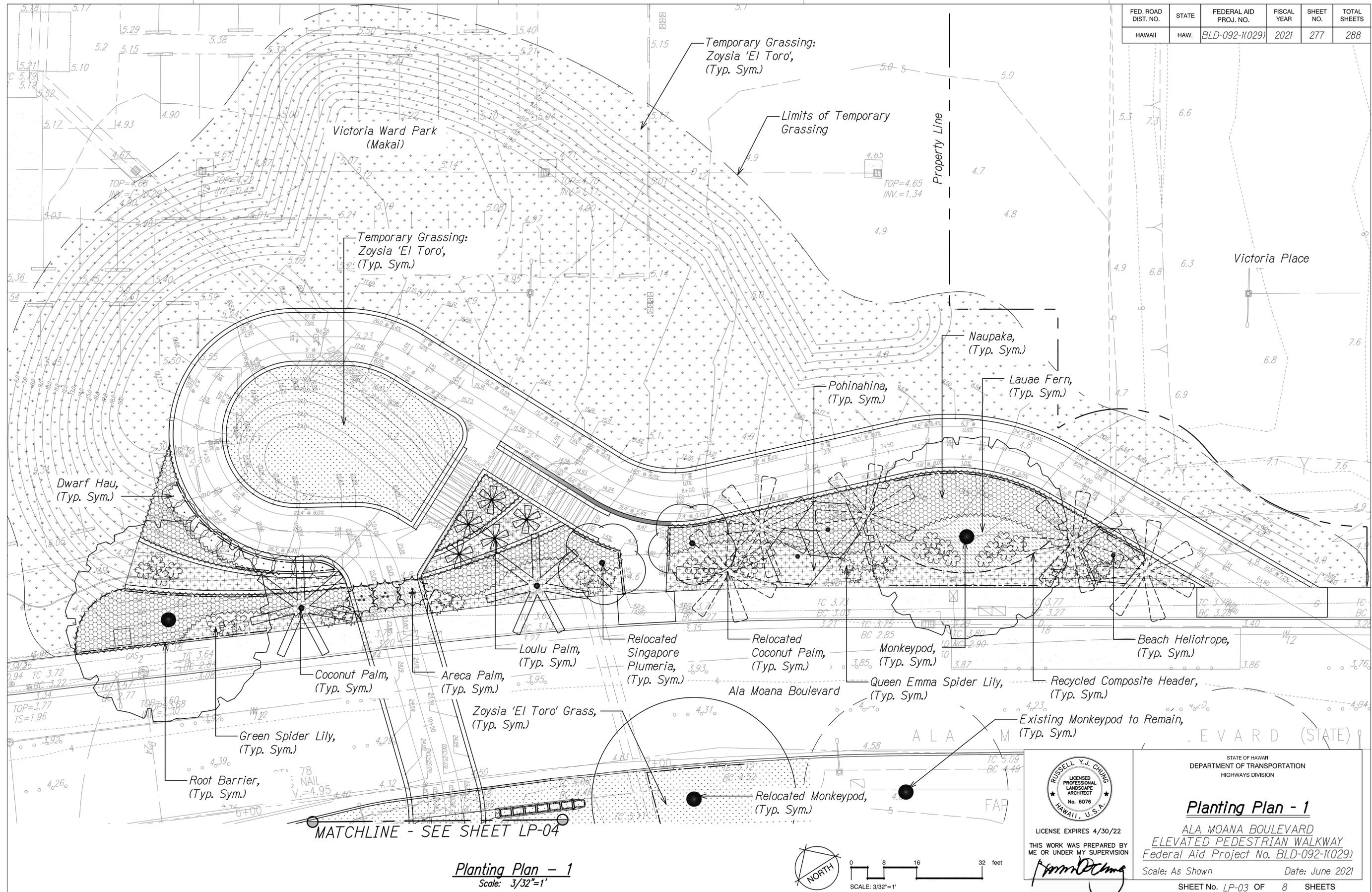
Planting Soils Plan

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

Scale: As Shown Date: June 2021

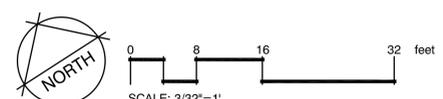
SHEET No. LP-02 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	277	288



SURVEY PLOTTED BY: _____ DATE: _____
 ORIGINAL DRAWN BY: _____
 TRACED BY: _____
 NOTE BOOK DESIGNED BY: _____
 QUANTITIES BY: _____
 CHECKED BY: _____
 No. _____

Planting Plan - 1
Scale: 3/32"=1'

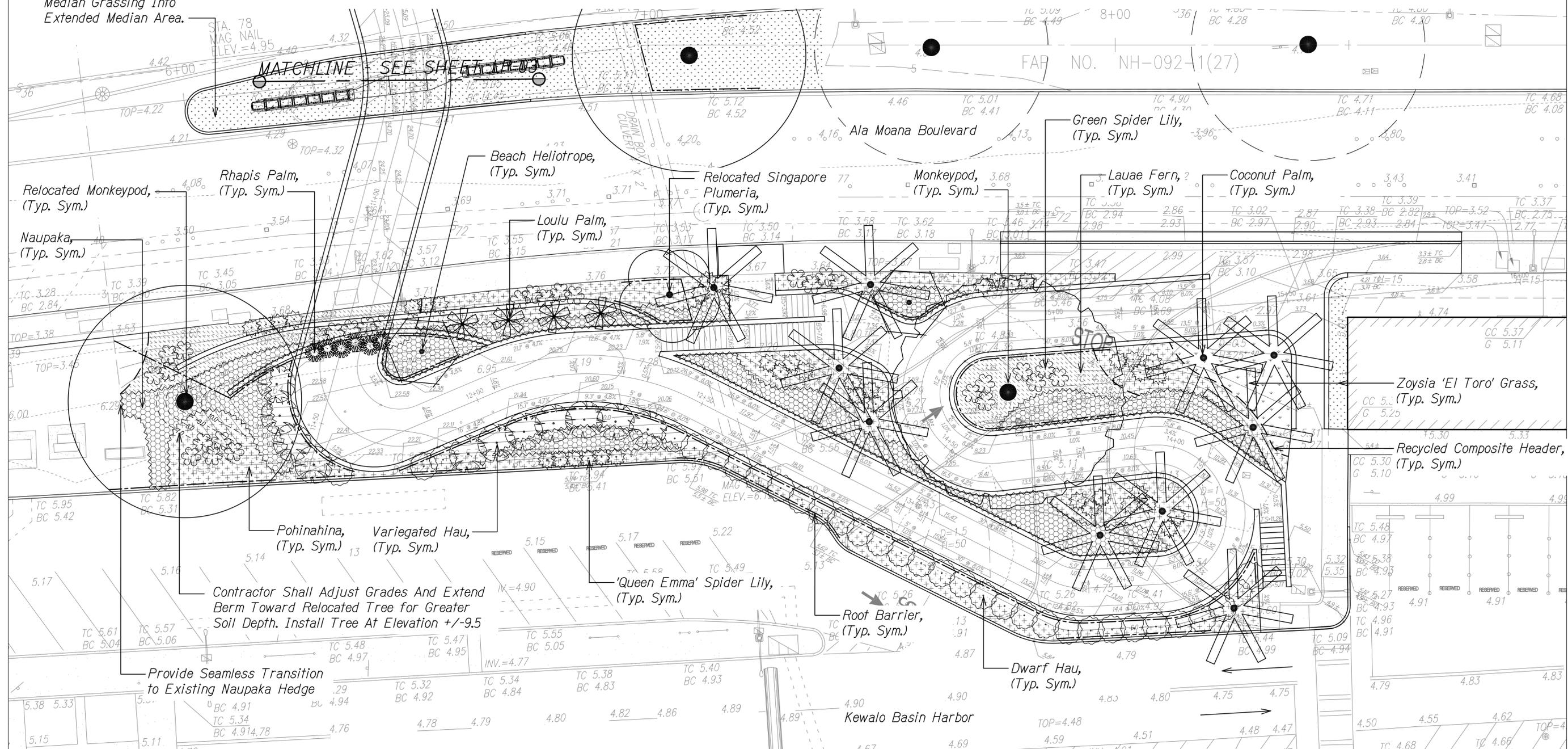


RUSSELL Y.J. CHUNG
 LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
 No. 6076
 HAWAII, U.S.A.
 LICENSE EXPIRES 4/30/22
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Russell Y.J. Chung

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
Planting Plan - 1
 ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)
 Scale: As Shown Date: June 2021
 SHEET No. LP-03 OF 8 SHEETS

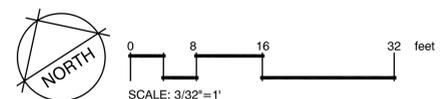
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	278	288

Contractor Shall Expand Existing Median Grassing Into Extended Median Area.



DATE	.....
SURVEY PLOTTED BY	.....
DESIGNED BY	.....
TRACED BY	.....
NOTES MODE	.....
QUANTITIES BY	.....
CHECKED BY	.....
No.	.....

Planting Plan - 2
Scale: 3/32"=1'

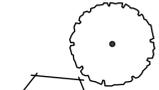
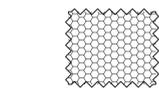
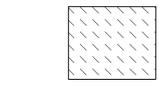
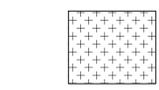
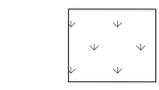


RUSSELL Y.J. CHUNG
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 6076
HAWAII, U.S.A.
LICENSE EXPIRES 4/30/22
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
Planting Plan - 2
ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)
Scale: As Shown Date: June 2021
SHEET No. LP-04 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	279	288

PLANT SCHEDULE:

<u>TREES</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>	<u>HEIGHT</u>	<u>REMARKS</u>
	3	SAMANEA SAMAN	MONKEYPOD TREE	FIELD STOCK	12" CAL. MINIMUM		
	5	TOURNEFORTIA ARGENTEA	BEACH HELIOTROPE	FIELD STOCK	2" MIN. CAL.	6'-8' HT.	BUSHY; WELL-BRANCHED
<u>PALMS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>	<u>HEIGHT</u>	<u>REMARKS</u>
	12	COCOS NUCIFERA	COCONUT PALM	FIELD STOCK		15'-25' BROWN TRUNK HEIGHT	
	3	DYPISIS LUTESCENS	ARECA PALM	30 GAL.			BUSHY
	9	PRITCHARDIA HILLEBRANDII	LOULU PALM	FIELD STOCK		6'-8' CLEAR TRUNK HEIGHT	
	6	RHAPIS EXCELSA	RHAPIS PALM	10 GAL			BUSHY; 4 CANES PER POT MIN.
<u>SHRUBS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>	<u>SPACING</u>	<u>REMARKS</u>	
	53	CRINUM AMABILE	GREEM SPIDER LILY	3 GAL	AS SHOWN	BUSHY, FREE OF RUST	
	61	CRINUM AUGUSTUM 'QUEEN EMMA'	QUEEN EMMA SPIDER LILY	3 GAL	AS SHOWN	BUSHY, FREE OF RUST	
	42	HIBISCUS TILIACEUS 'DWARF'	DWARF HAU	5 GAL	48" O.C.	BUSHY	
	11	HIBISCUS TILIACEUS 'TRICOLOR'	VARIEGATED HAU	15 GAL	AS SHOWN	BUSHY; WELL-BRANCHED	
<u>SHRUB AREAS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>	<u>SPACING</u>	<u>REMARKS</u>	
	530	SCAEVOLA TACCADA	BEACH NAUPAKA	1 GAL	36" o.c.	BUSHY, TRIANGULAR-SPACING	
<u>GROUND COVERS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>	<u>SPACING</u>	<u>REMARKS</u>	
	1,400 SF	MICROSORUM GROSSUM	LAUAE FERN	6" POTS	12" o.c.	TRIANGULAR SPACING	
	4,500 SF	VITEX ROTUNDIFOLIA	POHINAHINA	6" POTS	18" o.c.	TRIANGULAR SPACING	
<u>GRASS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>SIZE</u>			
	22,150 SF	ZOYSIA JAPONICA 'EL TORO'	EL TORO ZOYSIA GRASS	HYDROSPRIG			

RELOCATED TREES AND PALMS SCHEDULE:

<u>RELOCATED TREES AND PALMS</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>
	2	SAMANEA SAMAN	MONKEYPOD TREE
	3	PLUMERIA OBTUSA	SINGAPORE PLUMERIA
	5	COCOS NUCIFERA	COCONUT PALM

MISC. LANDSCAPE MATERIALS SCHEDULE:

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	1"X6" RECYCLED COMPOSITE LANDSCAPE EDGING: TREX OR APPROVED EQUAL.	200 LF
	24" WIDE ROOT BARRIER: DEEPROOT UB 24-2 OR APPROVED EQUAL.	960 LF
	4" LAYER IMPORTED SCREENED TOPSOIL: SEE PLANTING SOILS PLAN FOR LOCATION.	375 CY
	LIGHTWEIGHT SOIL MIX: 30" DEPTH MIN. SEE PLANTING SOILS PLAN FOR LOCATION. BANK UP TOWARD RETAINING WALLS PER CIVIL GRADING PLANS.	800 CY
	2" LAYER BARK MULCH: INSTALL OVER ALL SHRUB AND GROUND COVER AREAS.	80 CY

GENERAL PLAN
 SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 TRACED BY _____
 DESIGNED BY _____
 NOTE BOOK _____
 QUANTITIES BY _____
 CHECKED BY _____
 No. _____



LICENSE EXPIRES 4/30/22

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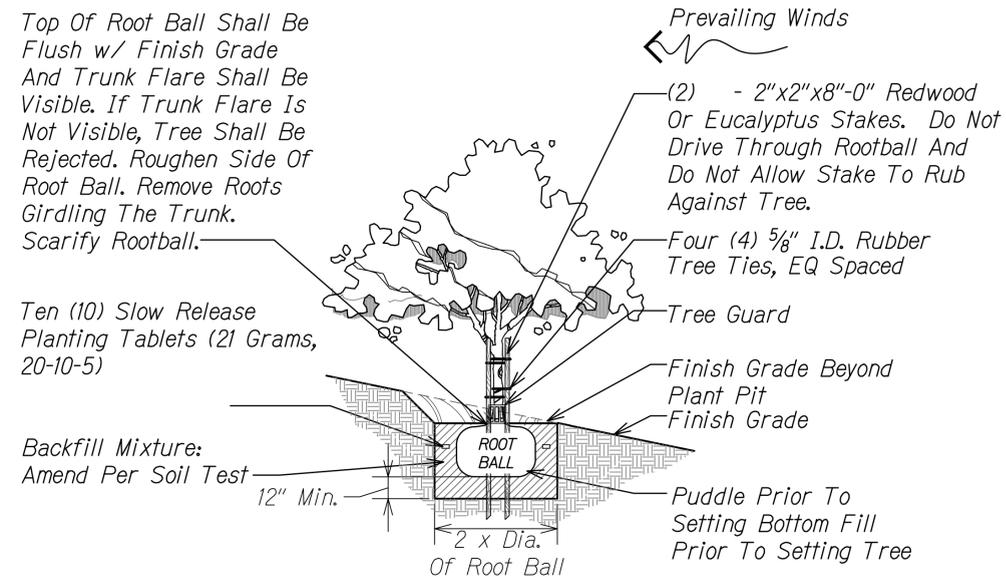
Russell Y.J. Chung

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

Landscape Schedules

ALA MOANA BOULEVARD
 ELEVATED PEDESTRIAN WALKWAY
 Federal Aid Project No. BLD-092-1(029)

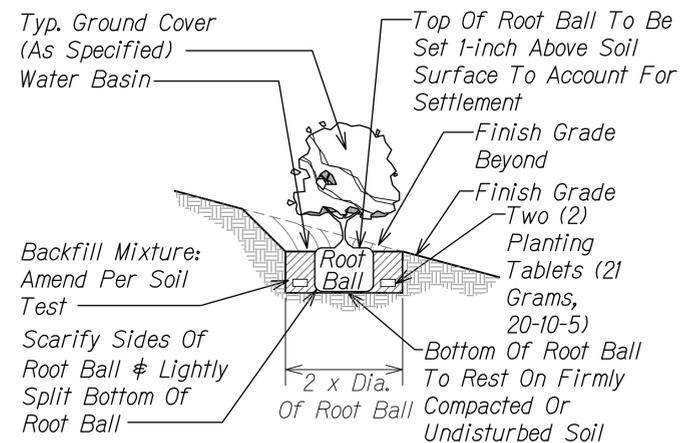
Scale: As Shown Date: June 2021



Note:
Trunk must be protected from rope sling burns and abrasions during moving. tree shall be plumb. If tree is leaning at the end of the plant establishment period, the tree shall be replaced at the Contractor's expense.

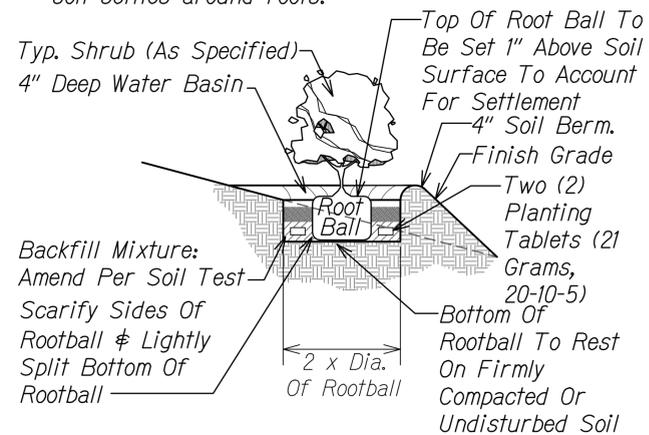
TREE PLANTING ON SLOPE 1
Scale: Not to Scale LP-07/LP-07

Notes:
1. Ground covers shall be plumb. If ground cover is leaning at the end of the plant establishment period, it shall be replaced at the contractor's expense.
2. Immediately after planting, water heavily to ensure soil settles around roots.

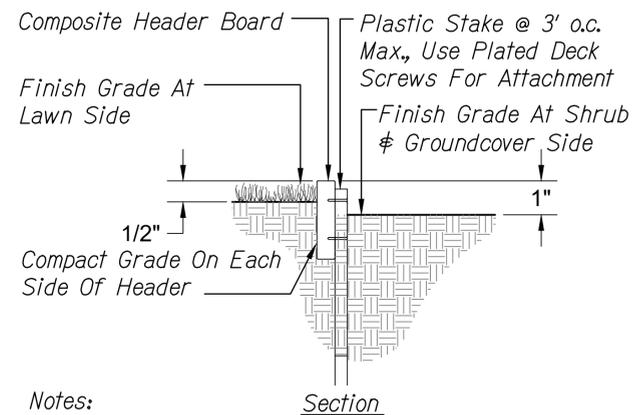


GROUND COVER PLANTING ON SLOPE 3
Scale: Not to Scale LP-07/LP-07

Notes:
1. Single stem shrubs shall be plumb. If shrub is leaning at the end of the plant establishment period, it shall be replaced at the Contractor's expense.
2. Immediately after planting, water heavily to ensure soil settles around roots.



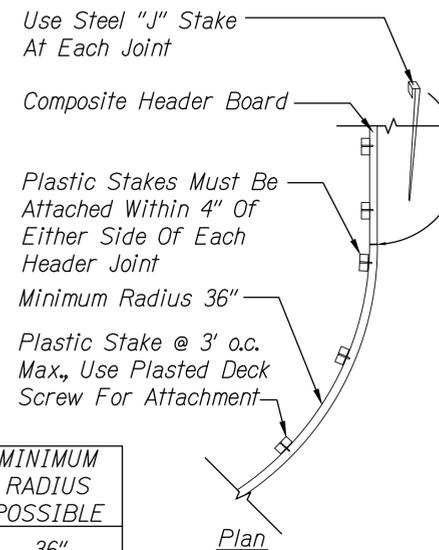
SHRUB PLANTING ON SLOPE 2
Scale: Not to Scale LP-07/LP-07



Notes:
1. Install Per Manufacturer's Instructions.
2. Color To Be Chosen By Landscape Architect From Manufacturer's Full Line Of Colors.

HDR. SIZE	ACTUAL DIMENSIONS	MINIMUM RADIUS POSSIBLE
1X6	5-7/16"x9/16"x20"	36"

RECYCLED COMPOSITE HEADER 4
Scale: Not to Scale LP-07/LP-07



DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
DATE	_____
DESIGNED BY	_____
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DATE	_____
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DATE	_____
DESIGNED BY	_____
CHECKED BY	_____

LICENSE EXPIRES 4/30/22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Russell Y.J. Chung

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Planting Details - 2

ALA MOANA BOULEVARD
ELEVATED PEDESTRIAN WALKWAY
Federal Aid Project No. BLD-092-1(029)

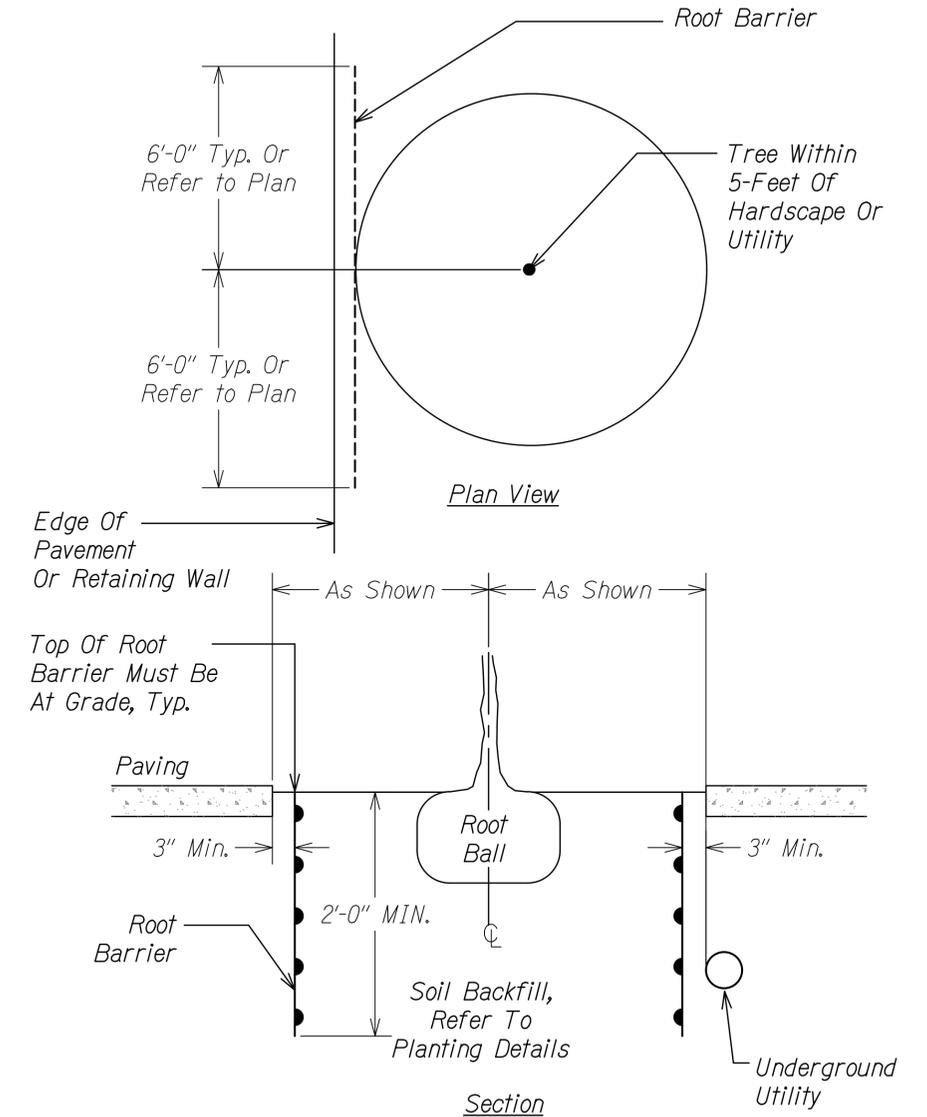
Scale: As Shown Date: June 2021

SHEET No. LP-07 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	282	288

Notes:

1. Place top edge of plastic root barrier at finish grade and secure w/ manufacturer provided pins.
2. Seams shall have minimum 3" overlap. Refer to manufacturer instructions for bonding the seam.
3. Do not allow gaps in barrier during installation or backfilling.
4. Refer to planting plan for tree locations.



ROOT BARRIER

Scale: Not to Scale

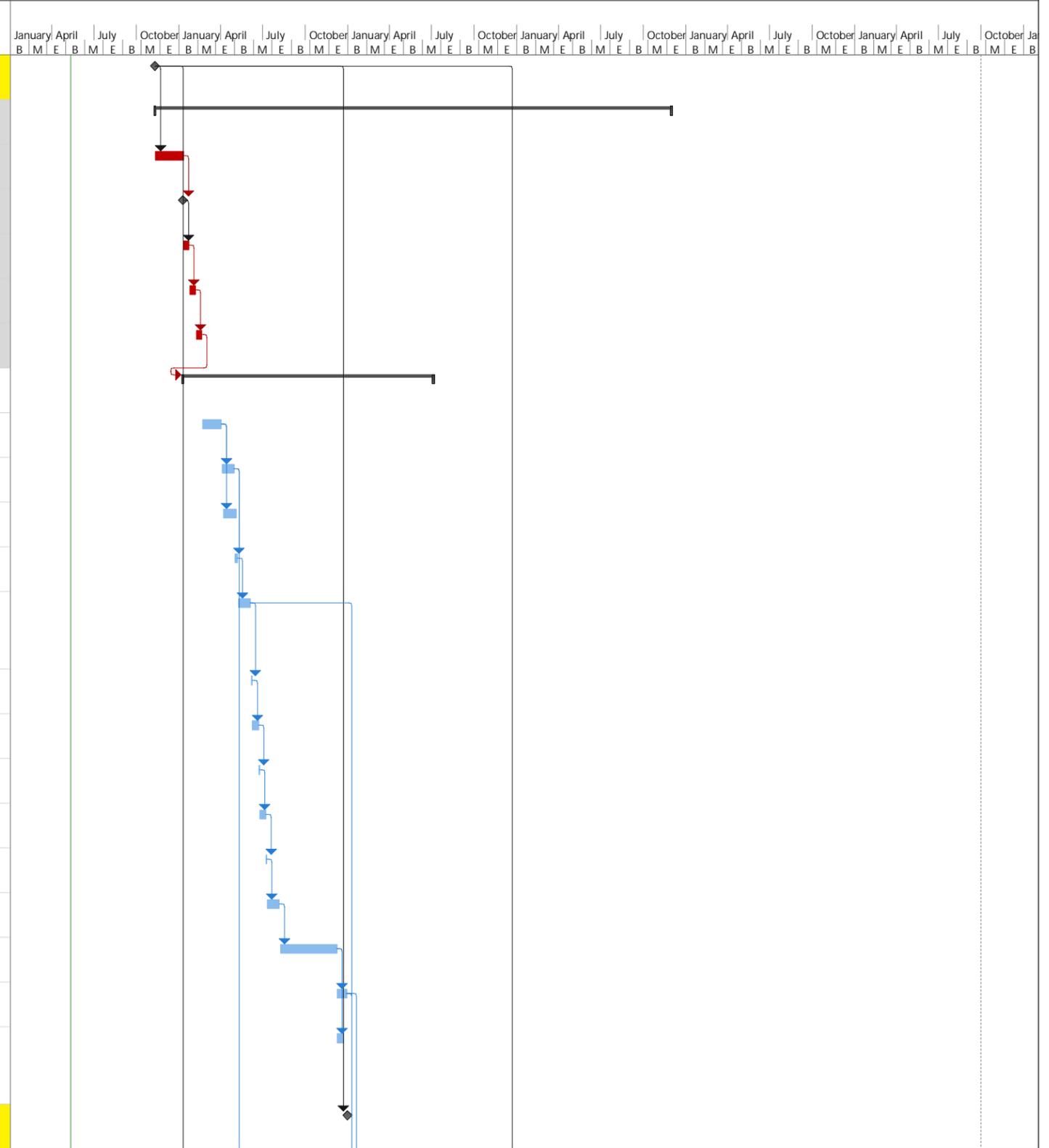
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LP-08/LP-08

SURVEY PLOTTED BY	DATE
DRAWN BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

<p>LICENSE EXPIRES 4/30/22</p> <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</p> <p><i>Russell Y.J. Chung</i></p>	<p>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</p> <p>Planting Details - 3</p> <p>ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)</p> <p>Scale: As Shown Date: June 2021</p>
	<p>SHEET No. LP-08 OF 8 SHEETS</p>

Ala Moana Boulevard
Elevated Pedestrian Walkway

ID	ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October	January	April	July	October
1	1	0%	Construction NTP	0 edays	Wed 11/10/21	Wed 11/10/21																					
2	2	0%	Construction	797 days	Wed 11/10/21	Sun 12/1/24																					
3	3	0%	Time to Start Date	60 edays	Wed 11/10/21	Sun 1/9/22	1																				
4	4	0%	Start Date	0 edays	Sun 1/9/22	Sun 1/9/22	3																				
5	5	0%	Mobilization	10 days	Mon 1/10/22	Fri 1/21/22	4																				
6	6	0%	Install TBMPs	10 days	Mon 1/24/22	Fri 2/4/22	5																				
7	7	0%	Clear and Grubbing	10 days	Mon 2/7/22	Fri 2/18/22	6																				
8	8	0%	Mauka Area	388 days	Sun 1/9/22	Wed 7/5/23	7																				
9	9	0%	Install Drilled Shafts	30 days	Mon 2/21/22	Fri 4/1/22																					
10	10	0%	Install Jet Grout Columns	20 days	Mon 4/4/22	Fri 4/29/22	9																				
11	11	0%	Construct Pile Cap	20 days	Thu 4/7/22	Wed 5/4/22	9FS+5 edays																				
12	12	0%	Construct Load Transfer Platform	5 days	Mon 5/2/22	Fri 5/6/22	10																				
13	13	0%	Place GRS at Abutment with Abutment Wall Construction	20 days	Mon 5/9/22	Fri 6/3/22	12																				
14	14	0%	Shotcrete west GRS wall abutting Wall C GRS	2 days	Mon 6/6/22	Tue 6/7/22	13																				
15	15	0%	Place GRS at Wall A	10 days	Wed 6/8/22	Tue 6/21/22	14																				
16	16	0%	Initial Fill to +7' at Wall C	2 days	Wed 6/22/22	Thu 6/23/22	15																				
17	17	0%	Place GRS at Wall C	10 days	Fri 6/24/22	Thu 7/7/22	16																				
18	18	0%	Protection Layer of Shotcrete	1 day	Fri 7/8/22	Fri 7/8/22	17																				
19	19	0%	Fill Remainder of Site	20 days	Mon 7/11/22	Fri 8/5/22	18																				
20	20	0%	Settlement Monitoring	88 days	Mon 8/8/22	Wed 12/7/22	19																				
21	21	0%	Remove Excess Surcharge Fill	15 days	Thu 12/8/22	Wed 12/28/22	20																				
22	22	0%	Place 'Interim Slope' Temporary Erosion Control Measure	11 days	Thu 12/8/22	Thu 12/22/22	20																				
23	23	0%	CONSTRUCTION PARCEL C-2 (VACATE by FINISH DATE)	356 edays	Sun 1/9/22	Sat 12/31/22	1																				



Project: Ala Moana Boulevard
Elevated Pedestrian Walkway
Date: Wed 5/12/21

Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Critical Split
Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	Progress
Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Critical	Manual Progress

Ala Moana Boulevard
Elevated Pedestrian Walkway

ID	ID	% Complete	Task Name	Duration	Start	Finish	Predecessors	Gantt Chart (January to October)																							
48	48	0%	Place Light weight fill within U-shaped Retaining Walls	20 days	Thu 2/23/23	Wed 3/22/23	47	[Gantt bar for task 48]																							
49	49	0%	Install Electrical Conduits and Irrigation Pipes	10 days	Thu 3/23/23	Wed 4/5/23	48	[Gantt bar for task 49]																							
50	50	0%	Place Aggregate Base	15 days	Thu 4/6/23	Wed 4/26/23	49	[Gantt bar for task 50]																							
51	51	0%	Pour Sidewalks	30 days	Thu 4/27/23	Wed 6/7/23	50	[Gantt bar for task 51]																							
52	52	0%	Construct Stairs	20 days	Thu 4/27/23	Wed 5/24/23	50	[Gantt bar for task 52]																							
53	53	0%	Install Handrails	20 days	Thu 6/8/23	Wed 7/5/23	51,52	[Gantt bar for task 53]																							
54	54	0%	Place Landscaping Fill	10 days	Thu 3/23/23	Wed 4/5/23	48	[Gantt bar for task 54]																							
55	55	0%	Install Retaining Wall Final Facing	20 days	Thu 3/23/23	Wed 4/19/23	48	[Gantt bar for task 55]																							
56	56	0%	Install Electrical/Lighting & Testing	40 days	Thu 4/27/23	Wed 6/21/23	50	[Gantt bar for task 56]																							
57	57	0%	Install Irrigation & Testing	20 days	Thu 4/27/23	Wed 5/24/23	50	[Gantt bar for task 57]																							
58	58	0%	Install Landscaping	30 days	Thu 4/6/23	Wed 5/17/23	54	[Gantt bar for task 58]																							
59	59	0%	Makai Area Complete	1 day	Thu 7/6/23	Thu 7/6/23	58,56,57,53,55	[Gantt bar for task 59]																							
60	60	0%	CONSTRUCTION PARCELS C-3, C-4, & C-5 (VACATE by FINISH DATE)	721 edays	Sun 1/9/22	Sun 12/31/23	1	[Gantt bar for task 60]																							
61	61	0%	Middle Pier & Superstructure	203 days	Thu 9/22/22	Mon 7/3/23		[Gantt bar for task 61]																							
62	62	0%	Install Drilled Shafts	45 days	Thu 9/22/22	Wed 11/23/22	42	[Gantt bar for task 62]																							
63	63	0%	Construct Pile Cap	33 days	Thu 11/24/22	Mon 1/9/23	62	[Gantt bar for task 63]																							
64	64	0%	Construct Center Pier	70 days	Tue 1/10/23	Mon 4/17/23	63	[Gantt bar for task 64]																							
65	65	0%	SuperStructure - Deck	45 days	Tue 1/10/23	Mon 3/13/23	63,45,13	[Gantt bar for task 65]																							
66	66	0%	SuperStructure - Parapet/Railings	45 days	Tue 3/14/23	Mon 5/15/23	65	[Gantt bar for task 66]																							
67	67	0%	SuperStructure - Lighting	15 days	Tue 3/14/23	Mon 4/3/23	65	[Gantt bar for task 67]																							
68	68	0%	Superstructure - Deck Finish Surface	25 days	Tue 5/16/23	Mon 6/19/23	66	[Gantt bar for task 68]																							
69	69	0%	Construct Median Curb	20 days	Tue 4/18/23	Mon 5/15/23	64	[Gantt bar for task 69]																							
70	70	0%	Construct Impact Attenuators	30 days	Tue 5/16/23	Mon 6/26/23	69	[Gantt bar for task 70]																							
71	71	0%	Finish work and grassing	5 days	Tue 6/27/23	Mon 7/3/23	70,68	[Gantt bar for task 71]																							

Project: Ala Moana Boulevard Elevated Pedestrian Walkway
Date: Wed 5/12/21

Task		Summary		Inactive Milestone		Duration-only		Start-only		External Milestone		Critical Split	
Split		Project Summary		Inactive Summary		Manual Summary Rollup		Finish-only		Deadline		Progress	
Milestone		Inactive Task		Manual Task		Manual Summary		External Tasks		Critical		Manual Progress	

